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TRADE MARK
UNION METAL

REG. U.S. PAT. OFF.

EXTERIOR LIGHTING FIXTURES
Entrance Standards · Brackets · Newels

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UNION METAL

EXTERIOR

LIGHTING

FIXTURES

Entrance Standards—Brackets—Newels

The most complete line of ornamental units for lighting and decorating entrances to Churches, Schools, Libraries, Hotels, Office Buildings, Apartment Houses, Garages, and all types of Public and Municipal Buildings.

They are also popular for Bridge lighting, for installing around Gasoline Filling Stations, and for the lighting of residences, Private Grounds and Estates.

Distributors and Lighting Specialists located in all principal cities. Export business handled by The International General Electric Company, Inc., Schenectady, New York, with offices and associated companies throughout the world. Canadian Distributors: The Canadian General Electric Co., Ltd., Toronto, Canada.

CONTENTS OF THIS BOOK

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Union Metal Entrance Standards

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Section 9

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THE UNION METAL MANUFACTURING COMPANY
CANTON, OHIO

"Exterior Lighting Fixtures"

Book No. 54

The Company and its Products

THE Union Metal Mfg. Co. is the pioneer manufacturer of ornamental lighting standards and is today the largest producer and distributor of this class of material in the world.

During its eighteen years of specialization in the manufacture of ornamental street lighting standards and architectural building columns, the Company has developed hundreds of standards, brackets and newels to meet varying lighting conditions.

Assisted by prominent members of the electrical and architectural professions, we have selected from these hundreds of designs, the most popular ones to list in this catalog and if we have not shown designs that exactly meet some special requirements, our engineering department will prepare sketches with the idea of meeting your particular need.

ENTRANCE STANDARD AND BRACKET LIGHTING has become so popular that on new buildings, provision is usually made in the architect's specifications for this material. Likewise we are supplying a heavy demand from buildings of all kinds already erected that feel an increasing need for better lighting effects.

OTHER UNION METAL PRODUCTS

In addition to this large line of exterior lighting fixtures, The Union Metal Mfg. Co., produces a number of ornamental products that are of particular interest to architects and to all lighting branches of the electrical profession:

(a) Union Metal Lamp Standards for Business District Lighting; Residential, Park, and Boulevard Lighting; Bridge, Traffic and Special Lighting; all completely described in book No. 52, entitled: "Better Street Lighting with Union Metal Lamp Standards."

(b) Union Metal Columns, an exclusive Union Metal product for porches, pergolas and interiors. This line is of particular interest to architects and building contractors, and is fully described in Catalog No. 50, entitled: "Ancient Beauty for Modern Buildings."

(c) Union Metal Pergolas, Rose Screens, Sun Dials and Garden Lighting Units of particular interest to architects and landscape gardeners, described in illustrated catalog No. 51, entitled: "A Union Metal Pergola or Rose Screen for Your Garden."

The Superior Jury of Awards of the Panama Pacific International Exposition, awarded to The Union Metal Mfg. Co. the Grand Prize in the form of a Gold Medal on the Company's Lighting and Architectural Products outlined above.

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS

The Construction of Union Metal Lamp Standards

GENERAL

An ornamental lighting standard is made up of three elements: base, shaft and capital. In all standards other than Union Metal, the base and shaft, that is, the bulk of the standard, is cast or molded in one piece. That necessitates a long heavy cored casting made on its side, which usually gives a non-uniformity of metal and always produces unsightly vertical seams extending from the base to the top of the standard.

SCIENTIFIC SECTIONAL CONSTRUCTION

Union Metal Lamp Standards are always made with the base, shaft, and capital as separate units. The bases and capitals are made of the best grade of tough, grey, foundry pig iron. All master wood patterns are made by expert pattern makers, trained by years of experience in our class of work to produce relief work and sharp ornamental detail so that the final product may qualify as architectural castings. From these master patterns we make metal patterns well and thoroughly hand chased and perfectly finished.

On account of sectional construction, all Union Metal castings are so made that there are no vertical seams. Neither are there any sand or blow holes, scales, lumps, blisters, flaws, or other imperfections. These sharp, clean cut castings, coupled with our patented die made pressed metal shaft gives Union Metal Lamp Standards a classical distinction and an artistic beauty not possible in a cast or molded standard.

PRESSED METAL SHAFTS

Shafts for Union Metal Lamp Standards are built up of 2 ply or thicknesses of No. 22 U. S. gauge copper bearing steel. They are lock seamed, die fluted and pressed firmly together; no solder or rivets being used in their construction. Vertical joints of all shafts are double lock seamed, with seam rolled on inside so that all outside surfaces are smooth and clean. All shafts are protected against weather conditions by being galvanized with lead and zinc spelter both inside and outside. This laminated construction provides great strength, light weight, and will successfully resist all blows that would shatter or break other types of standards.

COPPER JACKETED SHAFTS

The pressed metal shaft described in the foregoing paragraph may be further beautified and enriched at a small additional cost by covering same with 16-oz. cold rolled sheet copper which we also neatly lock seam, flute and tightly press over the metal shaft. We recommend this construction when the richest and most elegant effects are desired. Copper jacketed shafts together with base and capital castings in bronze produce the most elegant standard possible.

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS

PAINTING AND SPECIAL FINISHES

Interior and Exterior surfaces of all metal shafts are protected against weather conditions by being galvanized with lead and zinc spelter both inside and outside. Inside and outside of all shafts are provided with priming coat of best grade metallastic paint before leaving our plant and finishing coats may be applied after erection. Cast iron parts are also cleaned and painted both inside and out with best grade of metallastic paint. No other make of lighting standards on the American market is cleaned and finished on both surfaces as is done with the Union Metal line.

SPECIAL FINISHES

Regular standards with cast iron bases and capitals and pressed steel shafts can be paint finished at a slight extra charge in natural copper, verde antique, oxidized copper, or statuary bronze. Where copper jacketed shafts are used, the shaft is finished in any of these finishes and the base and capital can be special paint finished to match, at a slight additional charge.

INTERIOR CONSTRUCTION AND ANCHORING

Three sturdy anchor rods made from best grade machinery steel securely anchor the base of the standard to the sub-base. These rods are threaded at the top and provided with nuts by means of which the cast base is drawn and held securely to the sub-base. Likewise, every standard is provided with three steel tie rods passing from the base through the shaft and into the topmost part of the capital or head.

This scientific steel tripod or truss construction, coupled with the metal shaft, gives our standards great strength, and resistance to shocks or blows.

PATENTS AND TRADE MARKS

Union Metal Lamp Standards, Union Metal Columns, and the machines and dies used in their manufacture are covered by numerous patents and pending applications, all of which are owned by The Union Metal Manufacturing Company, Canton, Ohio, U. S. A.

Trade mark "Union" in various forms and applications is registered in the United States, Canada, and many foreign countries. Any infringement will be promptly and vigorously prosecuted.

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS

BEAUTY

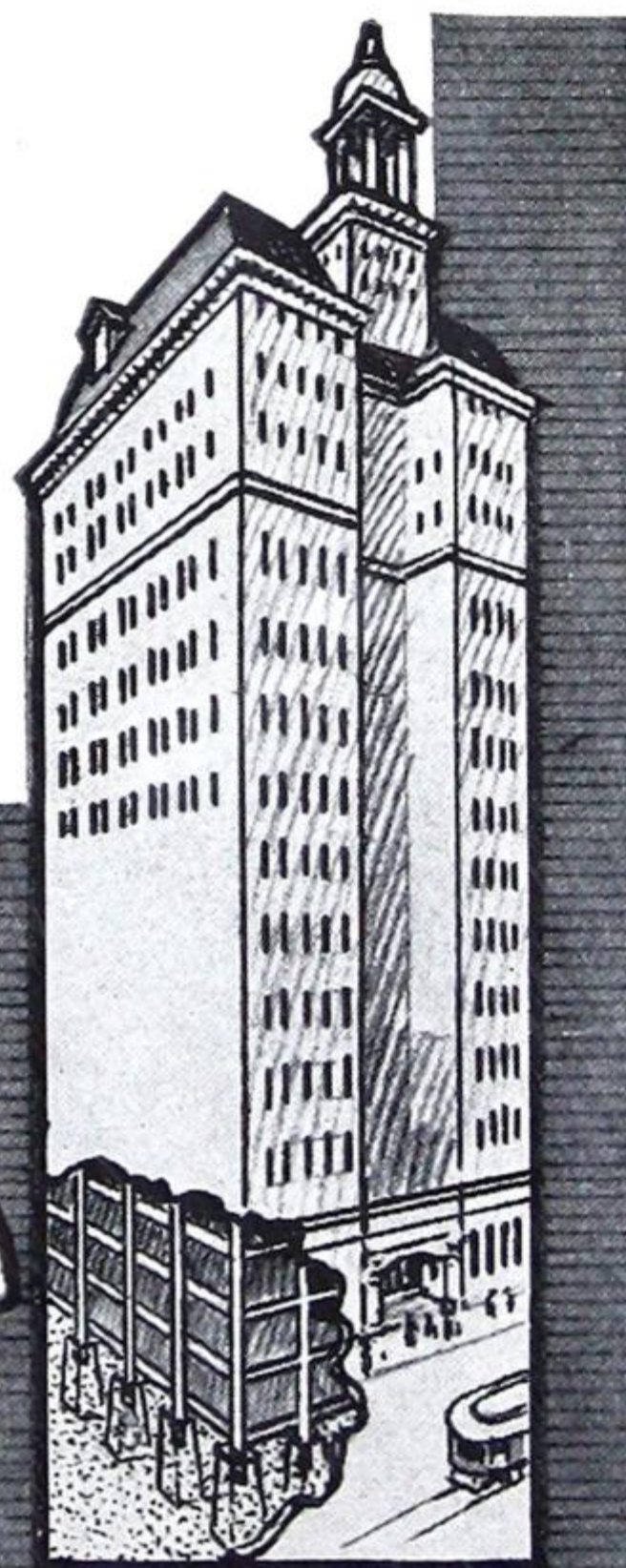
The principle of pressed steel construction developed and used exclusively by our company gives to Union Metal Lamp Standards a classical distinction and artistic beauty not possible in any other form of lighting standard construction.

Shafts for Union Metal Lamp Standards are die made on the same machines that turn out thousands of Union Metal Columns used by the country's leading architects for porches, and entrances to the finest homes and public buildings.

For eighteen years The Union Metal Manufacturing Company has been furnishing not only supports for lamps and globes, but rather artistic lighting standard designs with the same sharp, clear cut detail that characterized the architectural columns of ancient Greece and Rome.

BUILT LIKE A SKY SCRAPER

In the development and design of Union Metal Lamp Standards, our Engineers, constantly kept before them, the well-recognized principle in engineering, that: "construction that provides the greatest strength with the least weight" is the logical one to use. That is just as vital in Lighting Standard construction as in the design of



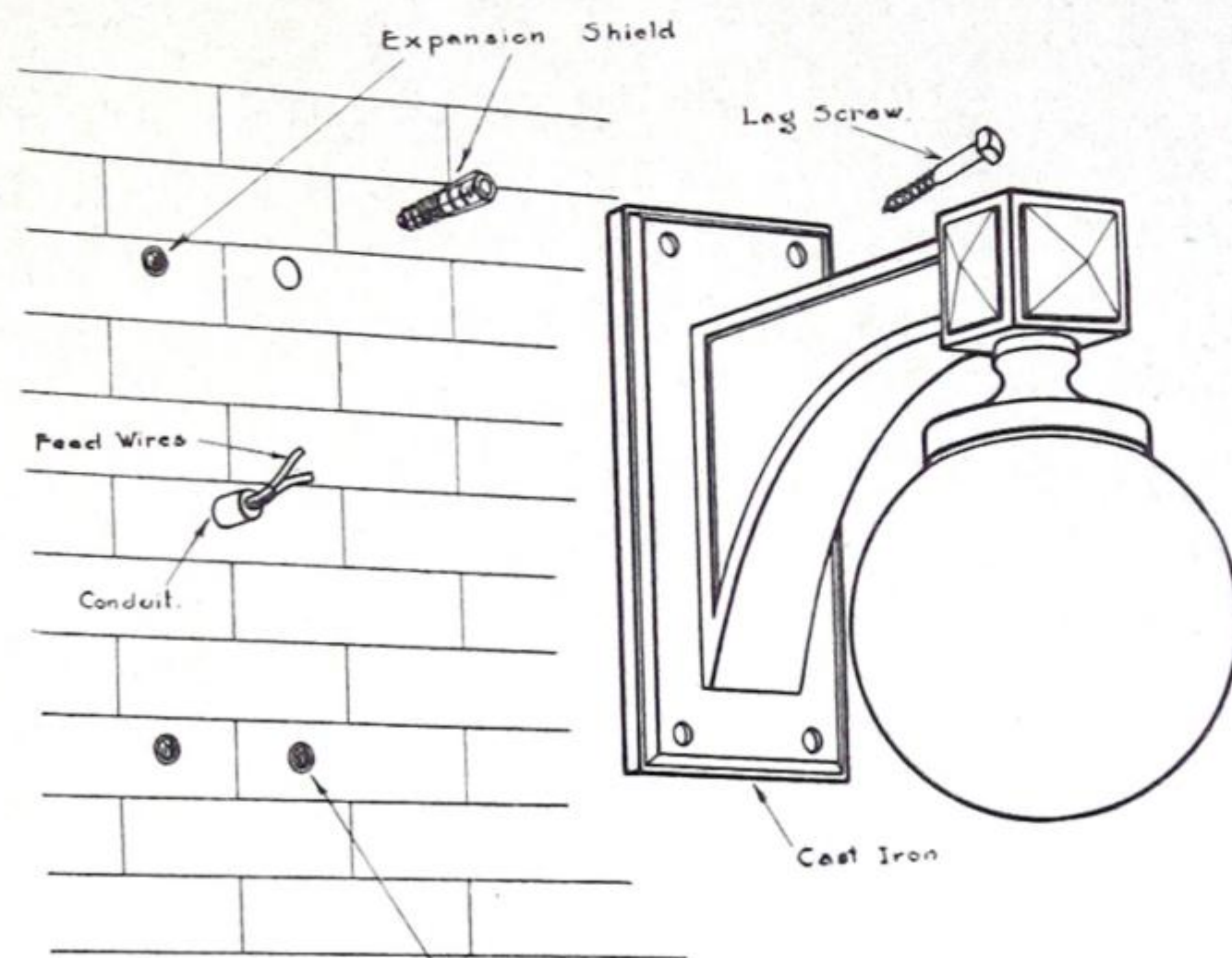
DESIGN 792
with G.E. Form 9
Novalex Unit

This drawing shows typical Union Metal Lamp Standard construction.

bridges, freight and passenger cars, automobile frames, structural steel work and other important products that are subjected to stress or strain. From the description given under "Interior Construction and Anchoring" it will be noted that Union Metal Lamp Standards are built like a modern sky scraper. Three sturdy anchor rods extend from the top of the ornamental base into the sub-base and securely anchor the lower section of the Standard to the ground. Likewise three steel tie rods extend from the base through the shaft into the topmost part of the capital or head of the standard. This scientific tripod or steel truss construction coupled with the pressed metal shaft provides the important engineering requirements of great strength, light weight and low center of gravity.

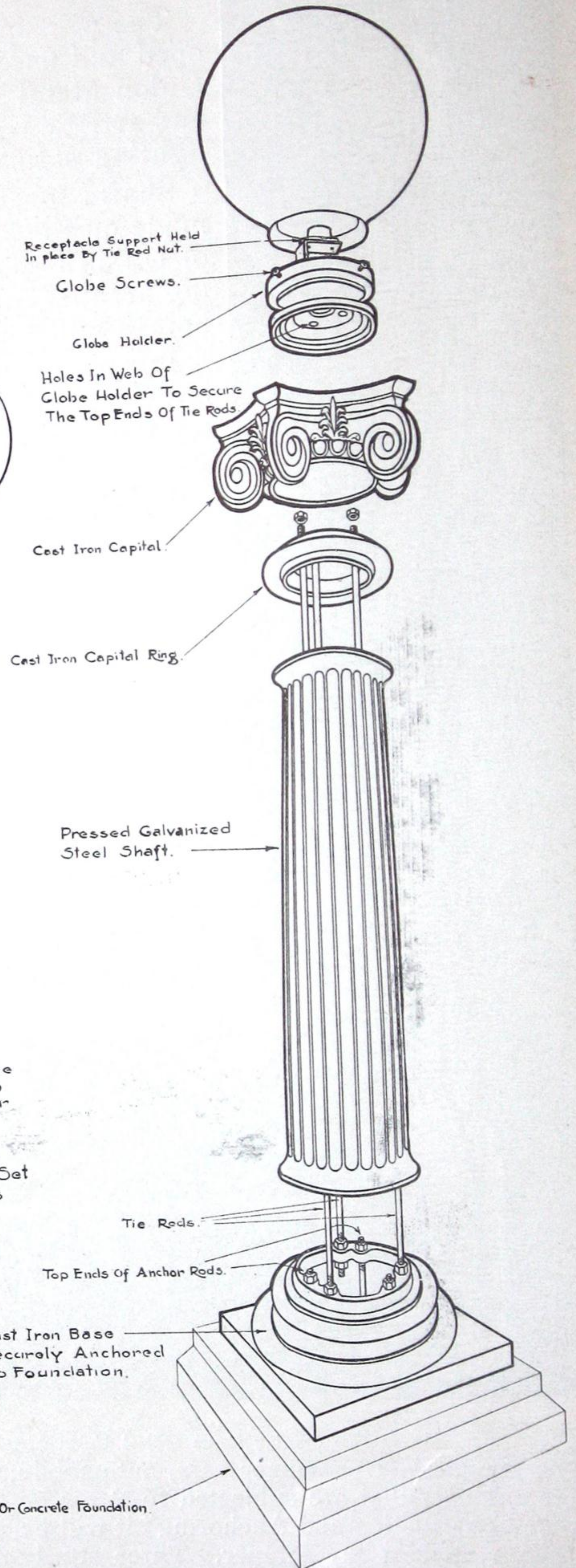
UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS AND BRACKETS METHODS OF INSTALLING UNION METAL ENTRANCE STANDARDS AND BRACKETS



For Brick Or Stone Walls Drill Holes
With Star Drill For Setting The Expansion Shields
& Bolt Bracket In Place With The Lag Screws.

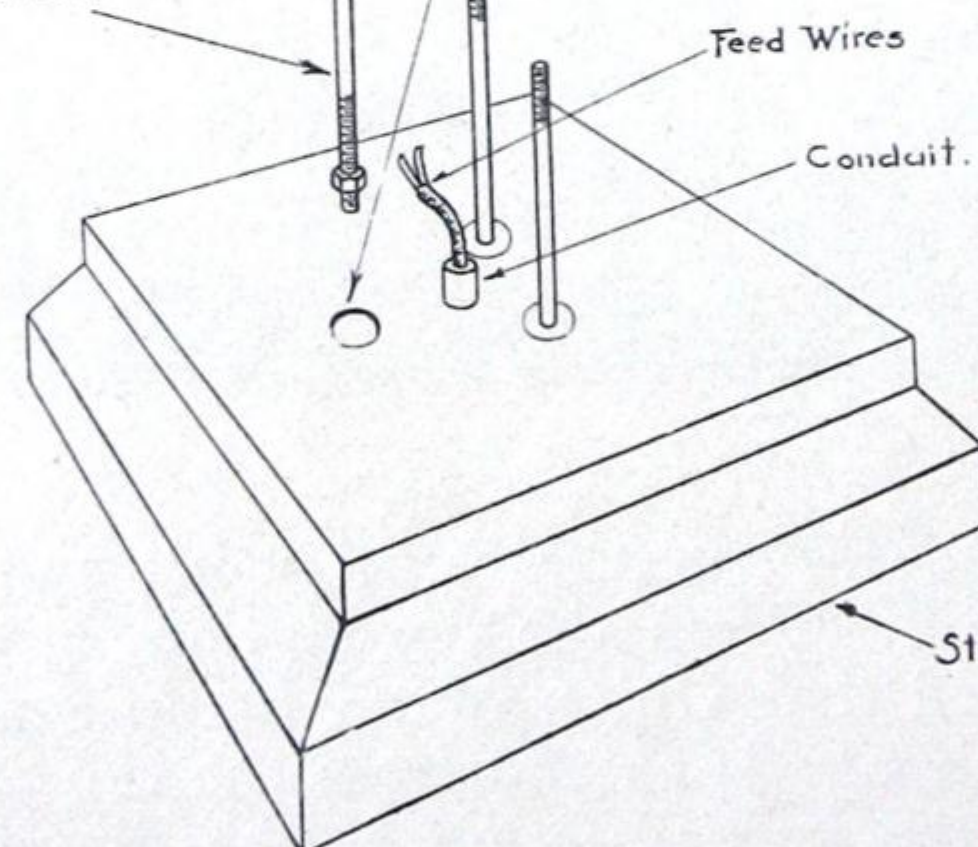
For Mounting On Wood Construction,
Bolt Brackets To Walls With The Lag Screws
Without Expansion Shields.



Drill Holes In Stone Base
With Star Drill & Pour In
Molten Lead Or Sulphur
To Secure Rods.

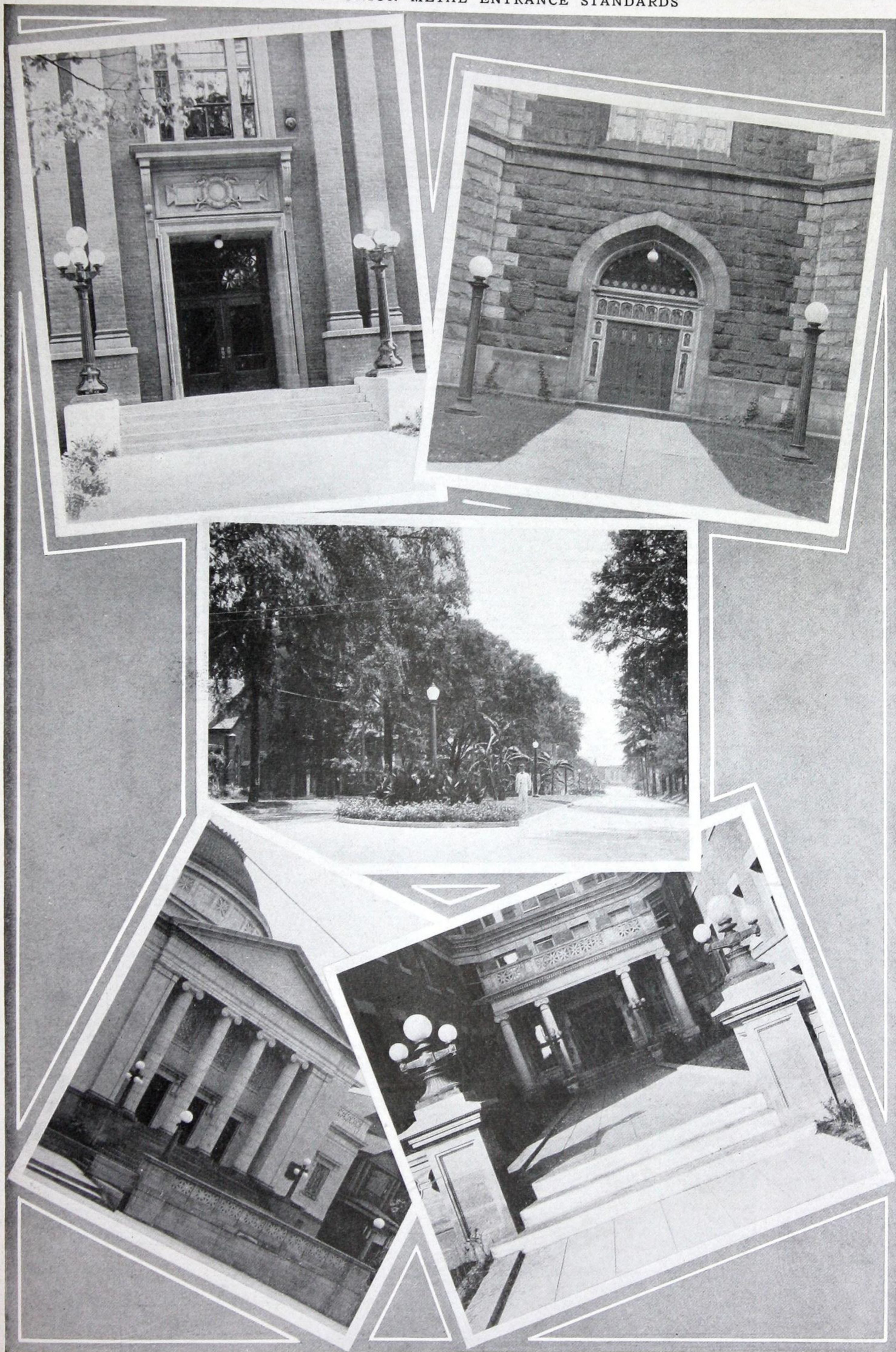
In New Concrete Work
The Anchor Rods Are Set
When The Sub-Base Is
Poured.

Anchor Rod With Nut
On Lower End Which
Is Embedded In The
Foundation.



UNION METAL EXTERIOR LIGHTING FIXTURES

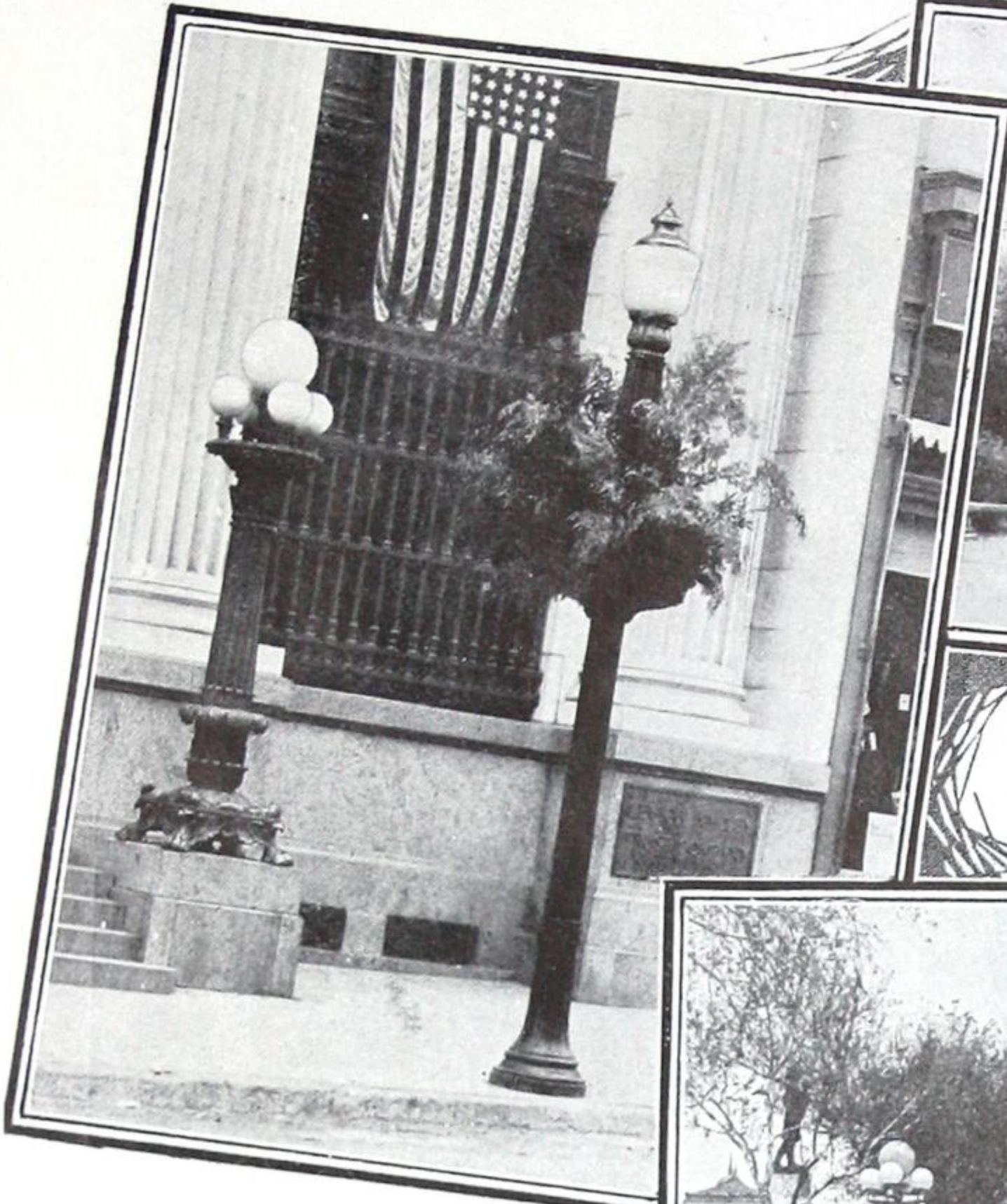
SECTION 7—UNION METAL ENTRANCE STANDARDS



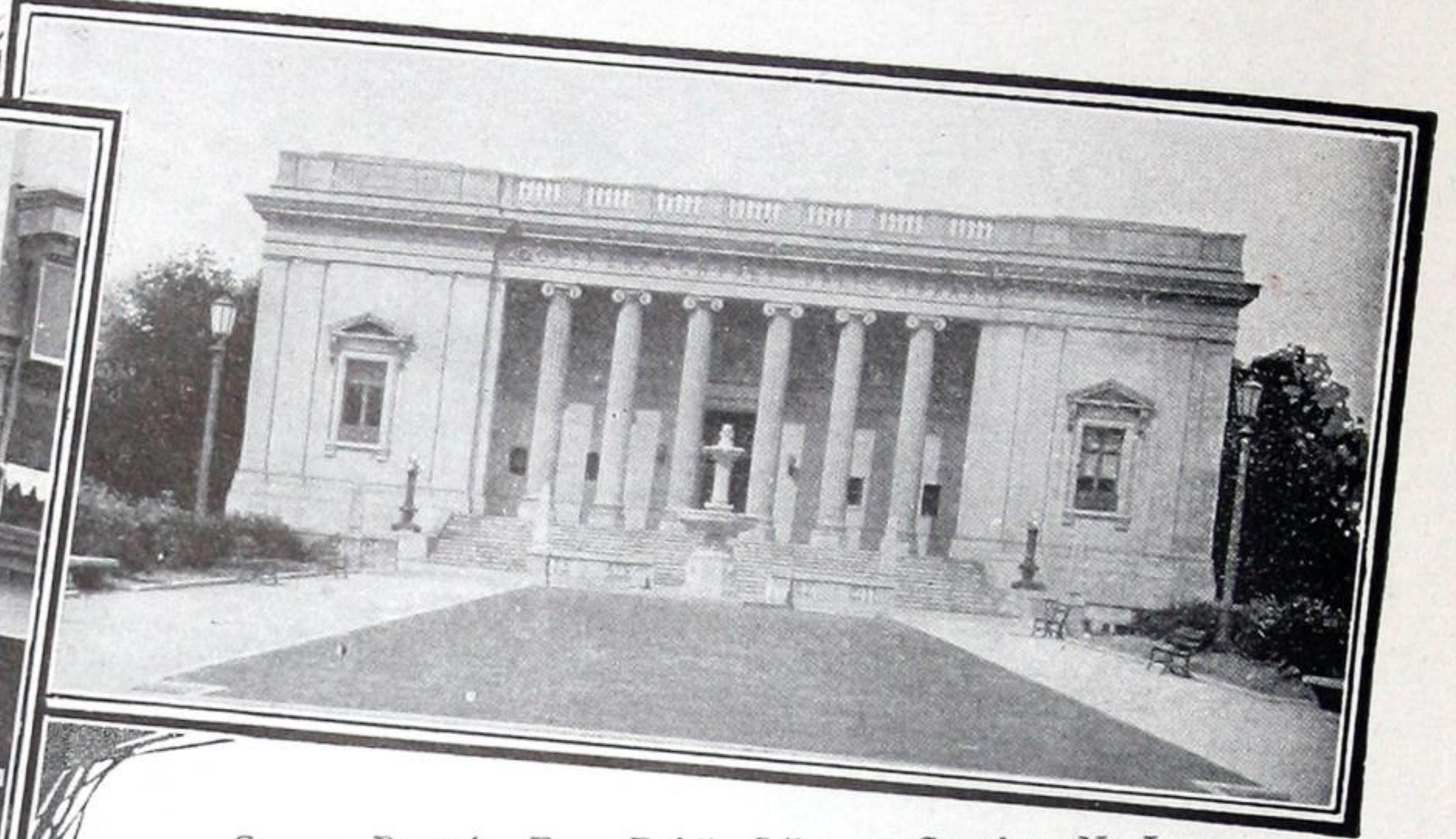
Union Metal Entrance Standards and Union Metal Brackets have been installed on churches, libraries, hospitals, auditoriums, armories, colleges and schools—in fact, all types of public buildings.

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS



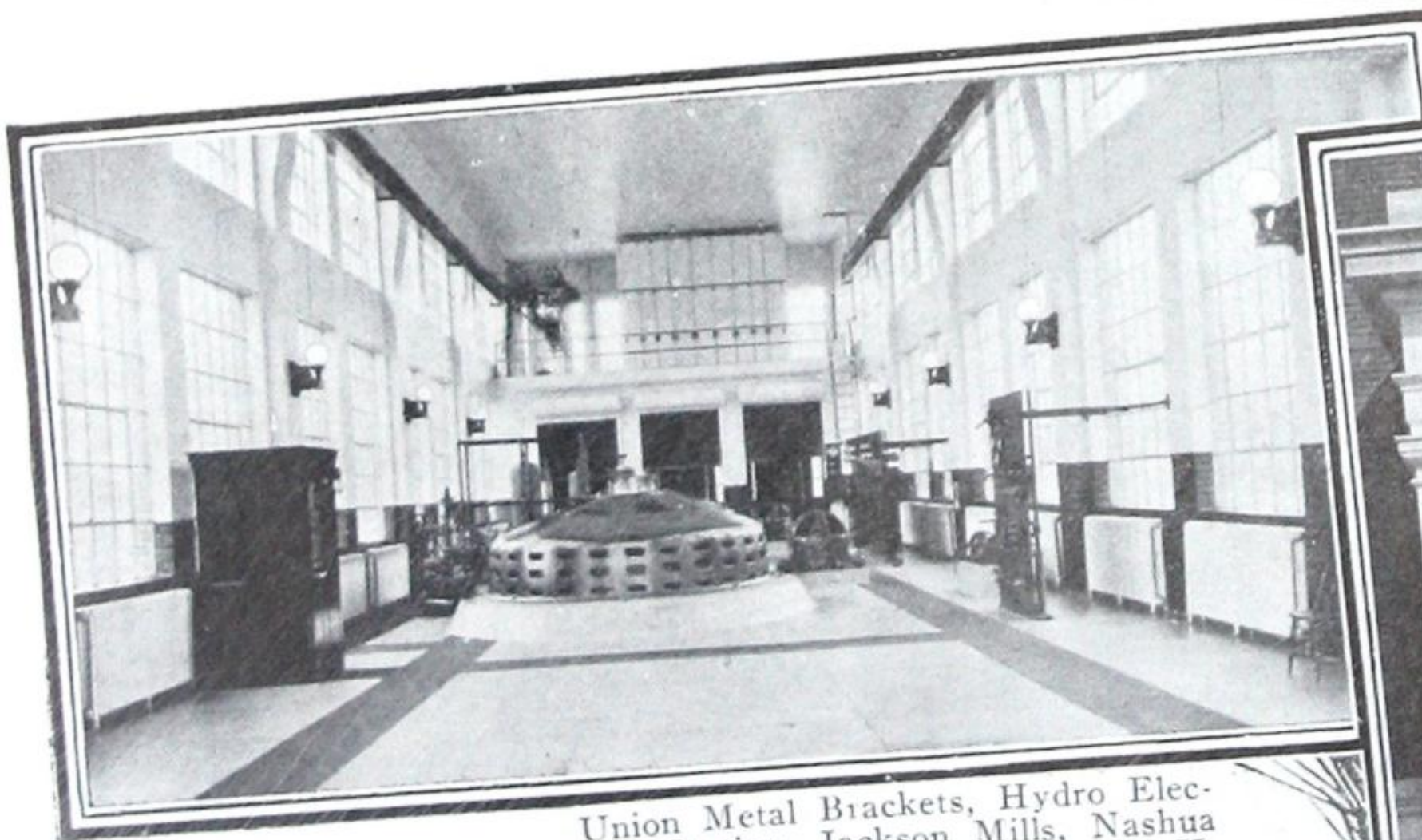
Street and entrance lighting in front of Lehigh Valley Trust Co., Allentown, Pa.



Cooper Branch, Free Public Library, Camden, N. J.
Architects, Walter T. Karcher and Livingston Smith.
General Contractors, Doyle & Company, Philada., Pa.



Union Metal newels and entrance standards, State Capitol, Austin, Texas.



Union Metal Brackets, Hydro Electric Station, Jackson Mills, Nashua Manufacturing Co., Nashua, N. H.



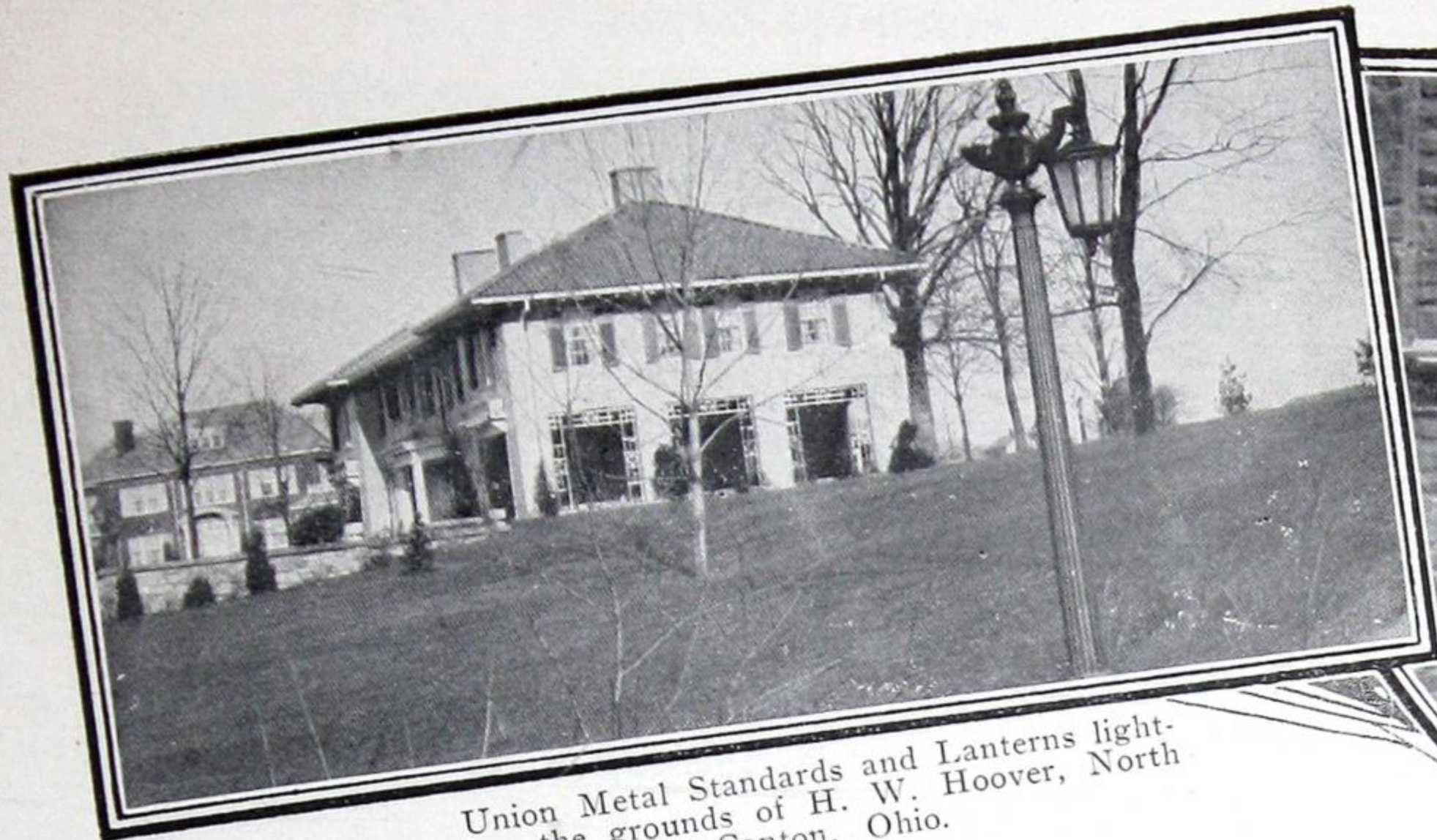
Entrance to new building of International General Electric Co., Schenectady, New York.



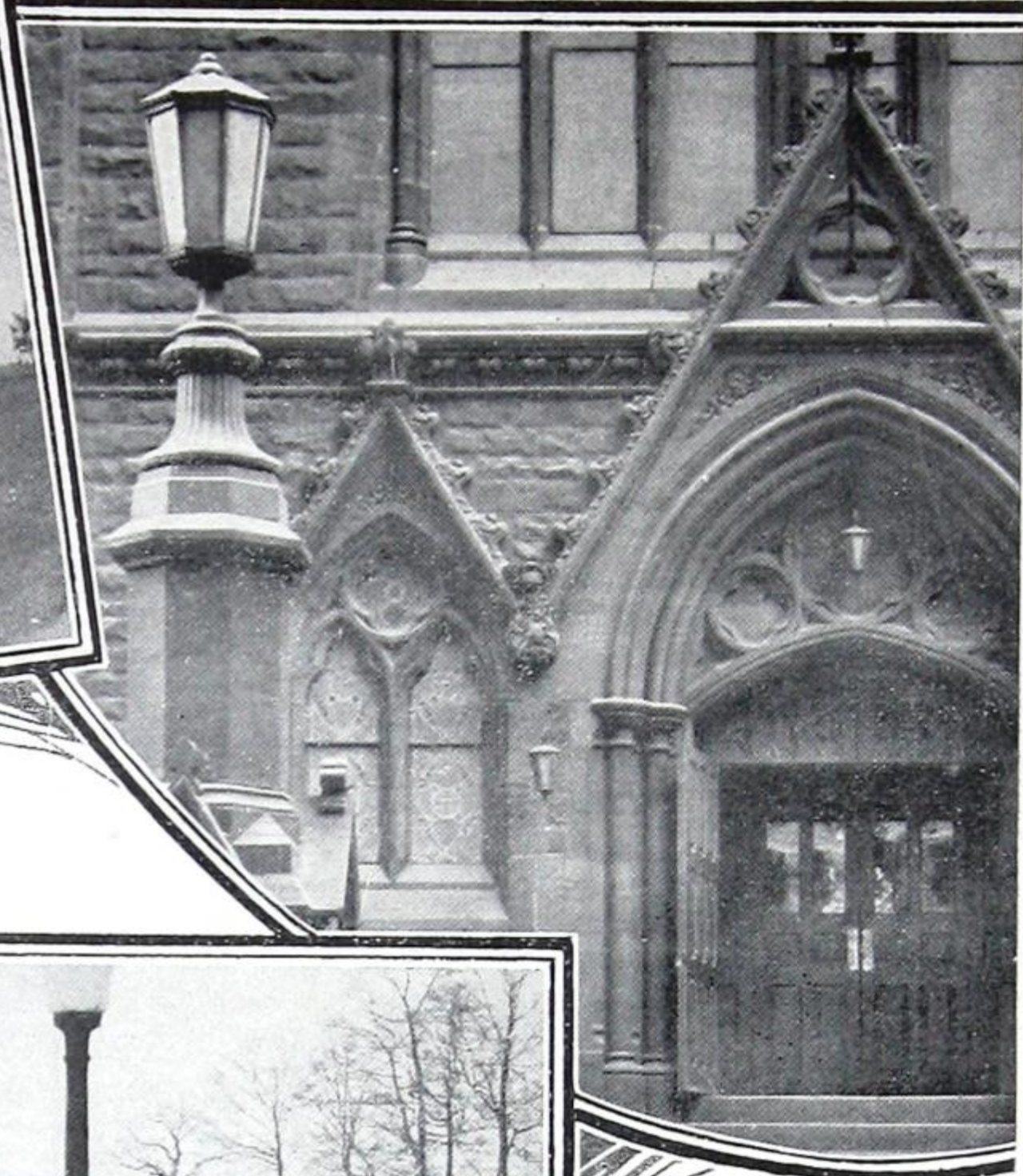
Union Metal Brackets and Lanterns.
Entrance to Garage, Canton, O.

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS

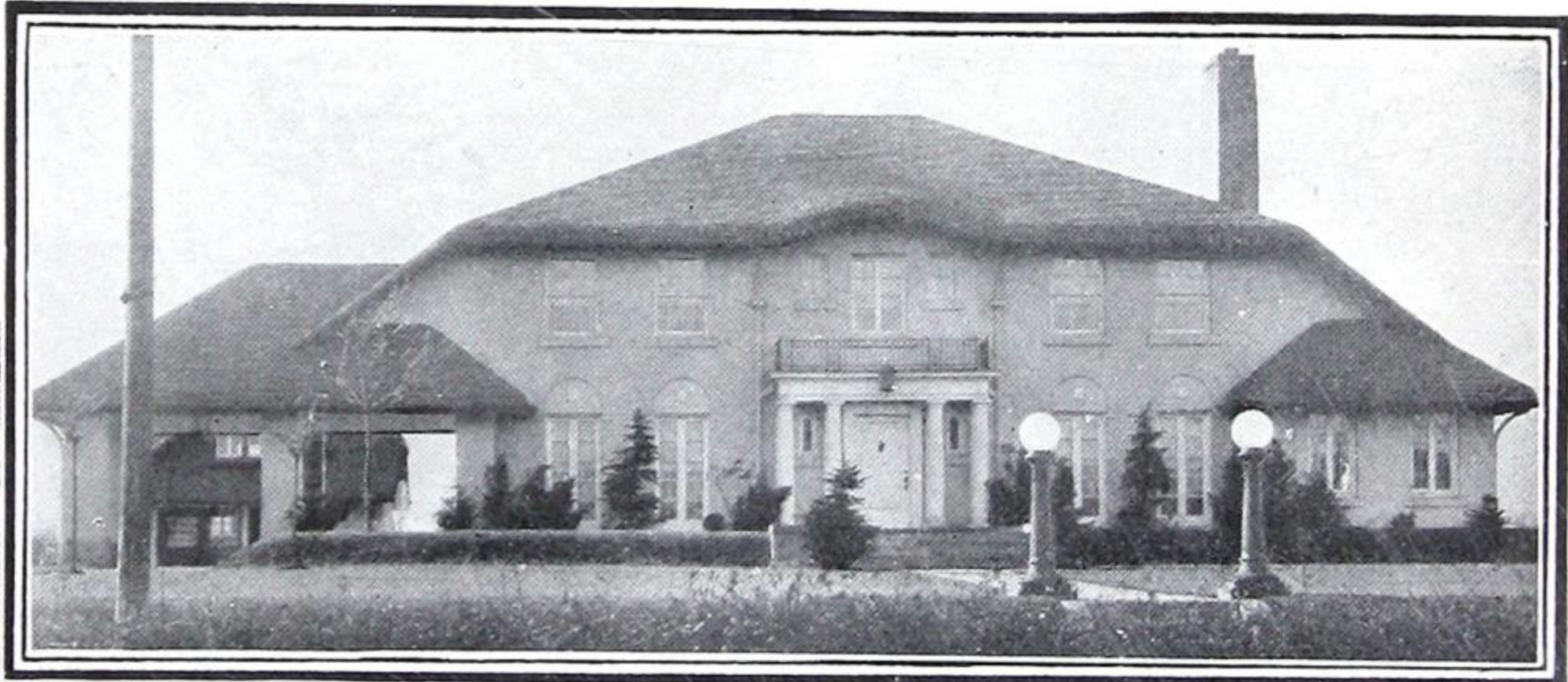


Union Metal Standards and Lanterns lighting the grounds of H. W. Hoover, North Canton, Ohio.

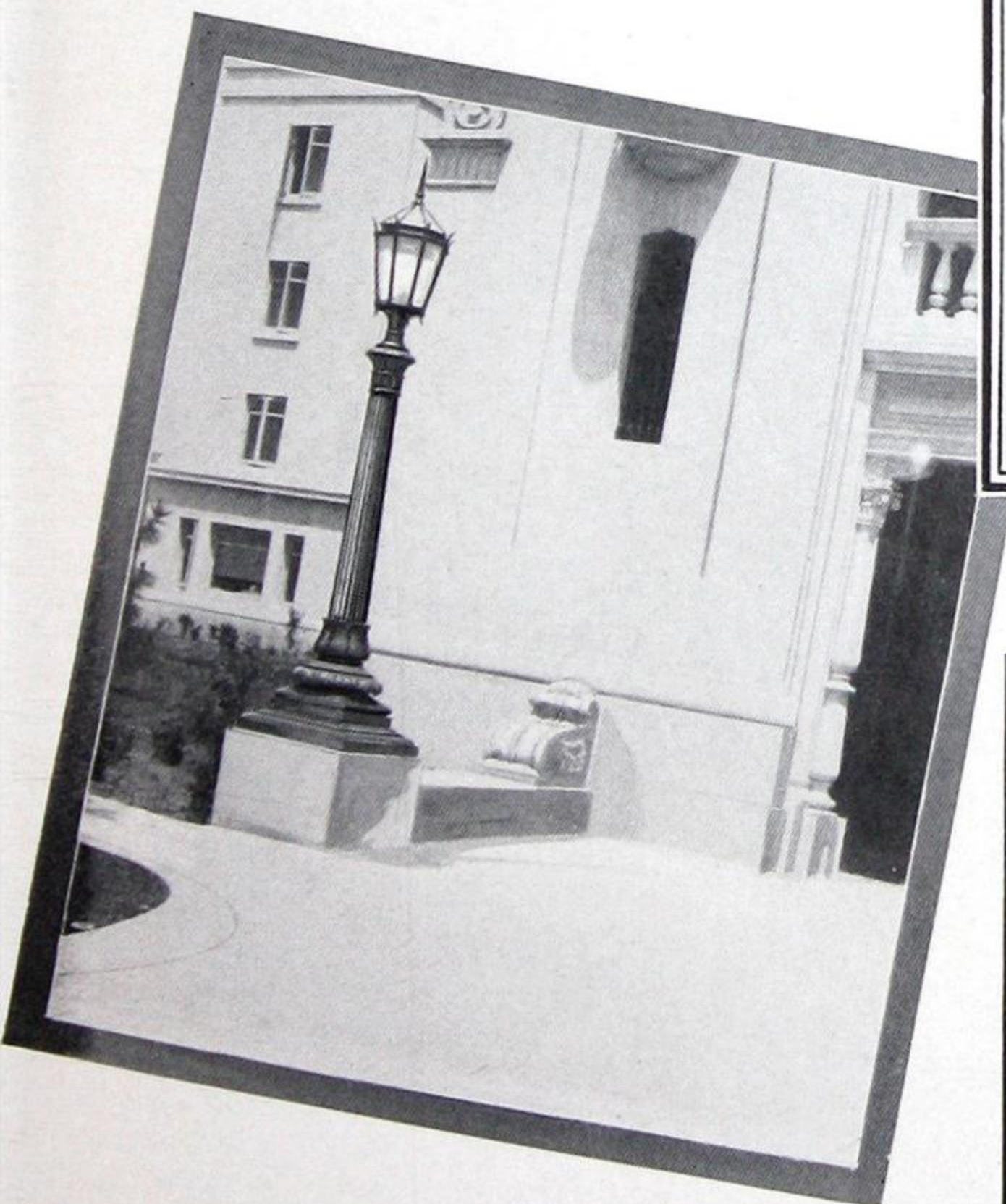


Union Metal Lamp Standards light the entrances to thousands of churches throughout the United States.

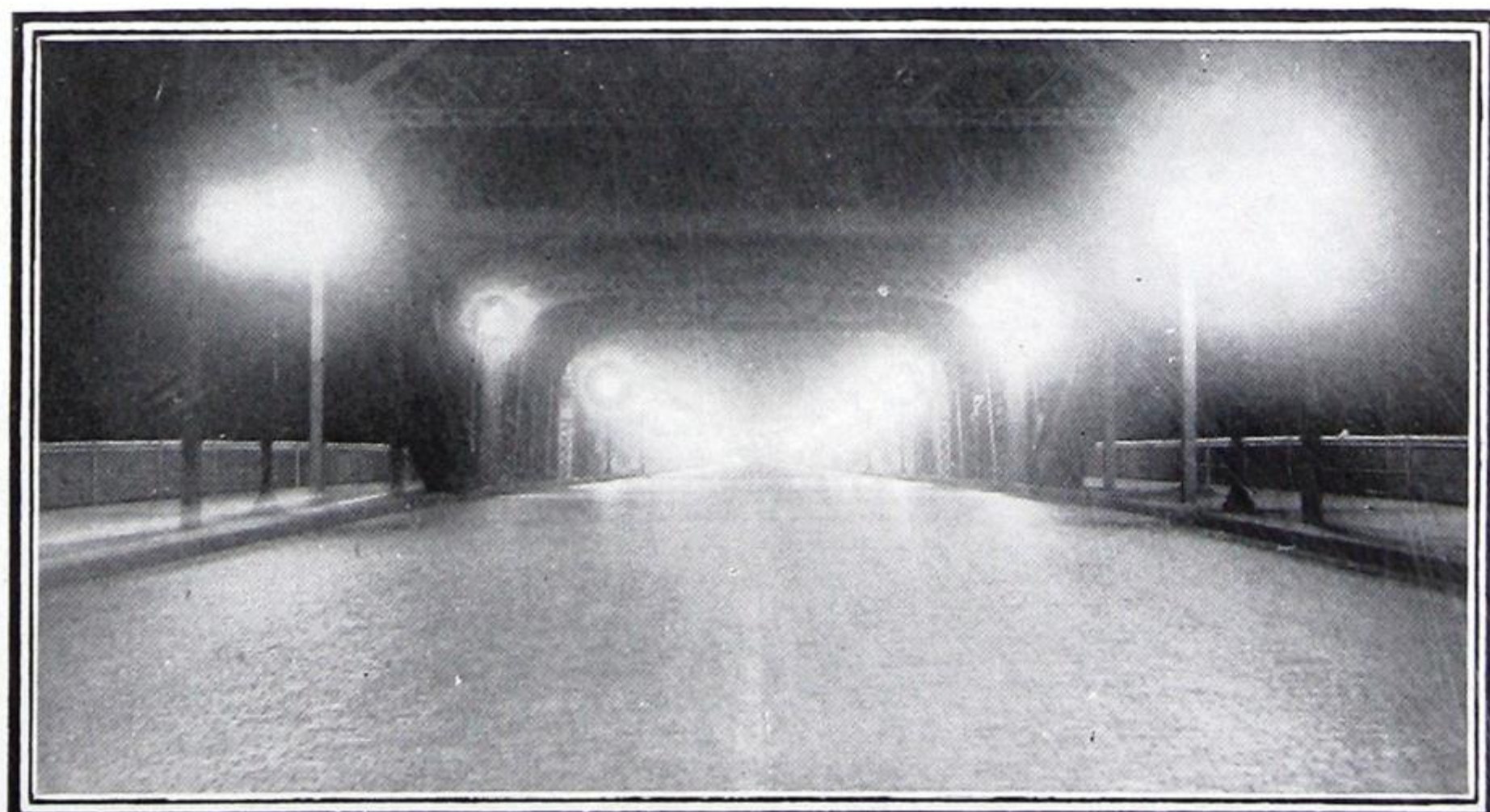
Lighting on estate of Col. W. H. Morgan, Alliance, Ohio.



Typical installation of Union Metal residential lighting.



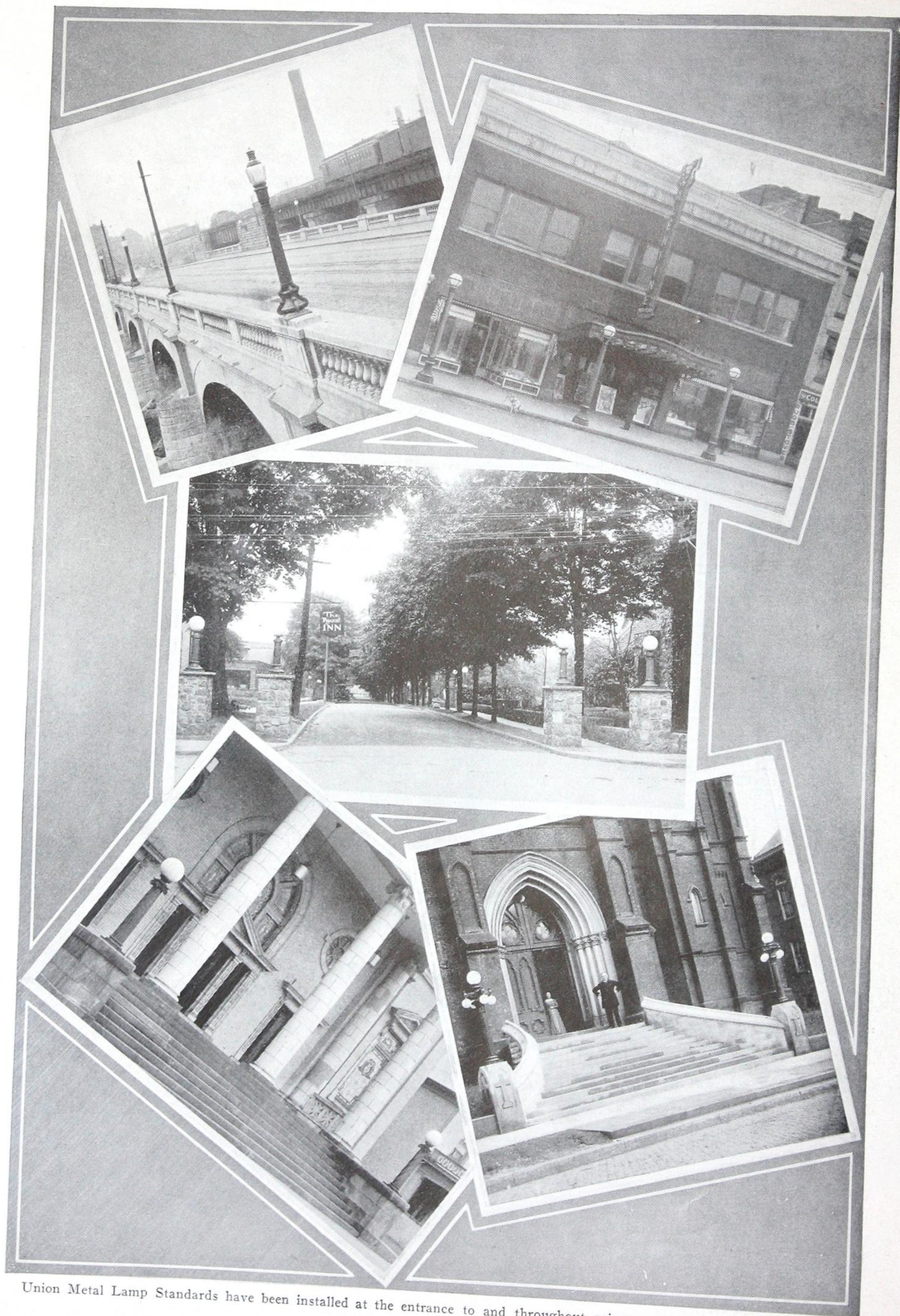
Entrance to Hollywood Hospital, Los Angeles, Cal. Union Metal Entrance Standards with General Electric Form 18 Lantern.



Night view, Superior Viaduct, Cleveland, O. 150 Union Metal Standards are required to light this mammoth bridge. Union Metal Lamp Standards are extensively used for bridge and viaduct lighting in all parts of the world.

UNION METAL EXTERIOR LIGHTING FIXTURES

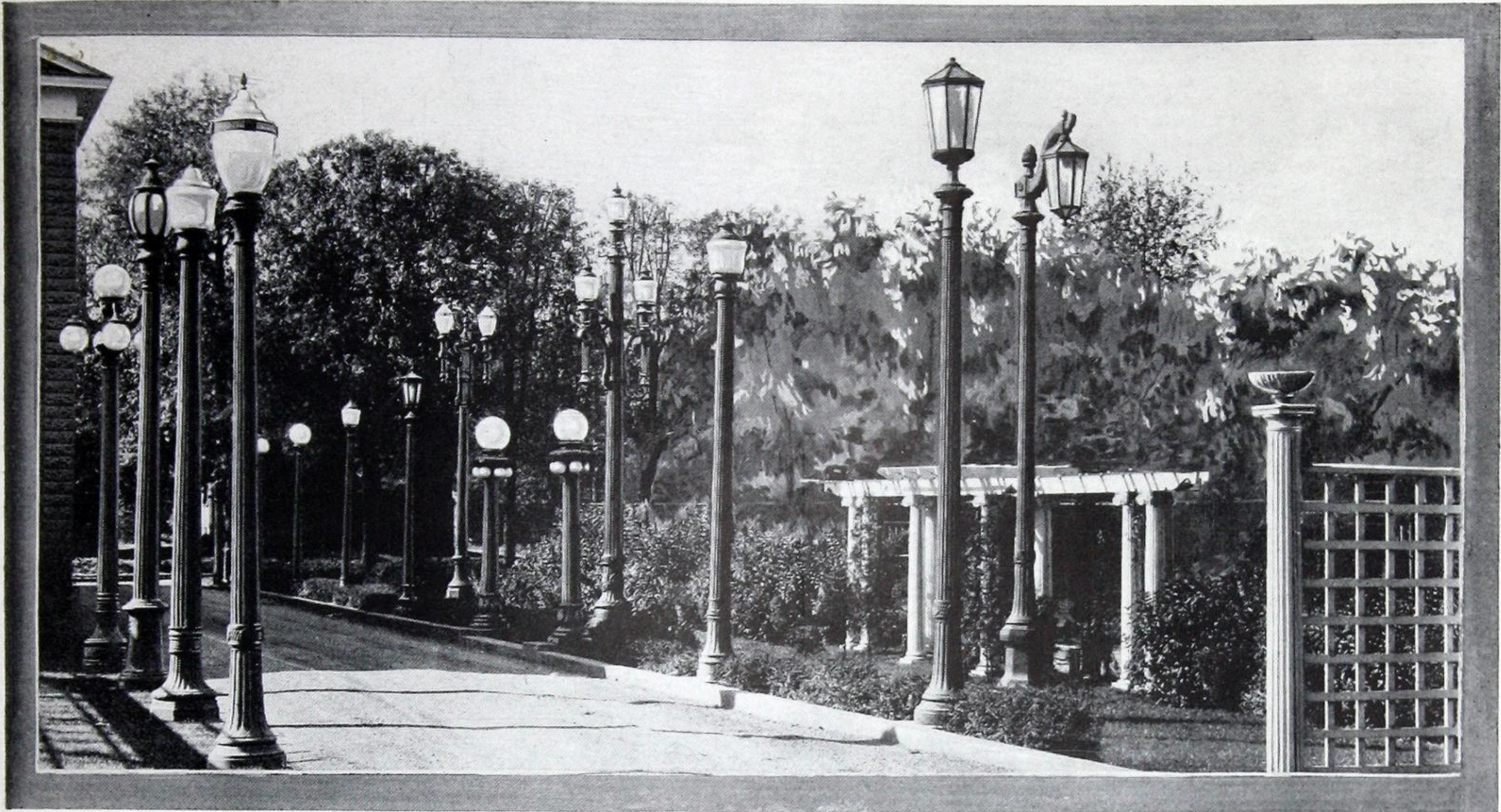
SECTION 7—UNION METAL ENTRANCE STANDARDS



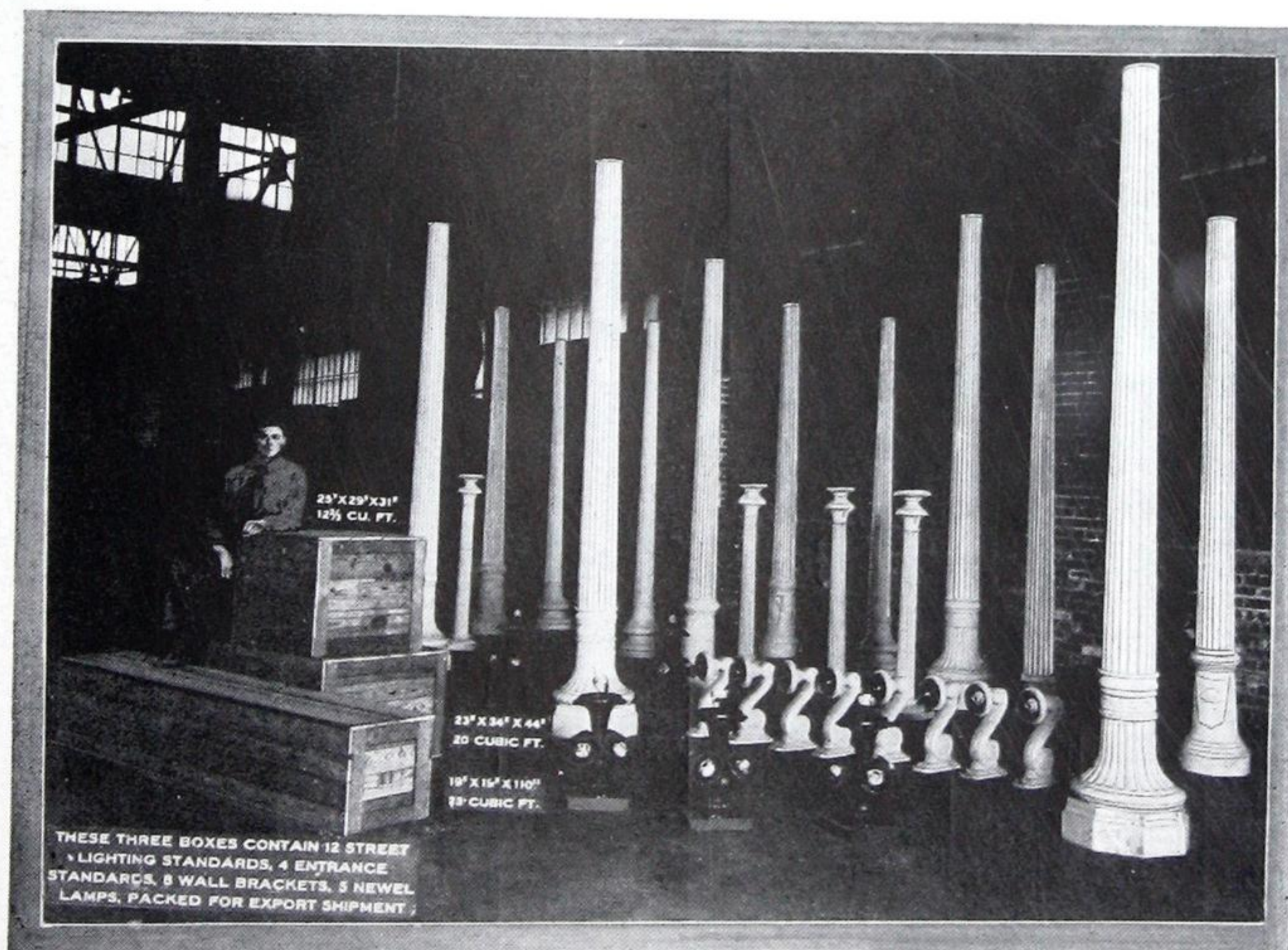
Union Metal Lamp Standards have been installed at the entrance to and throughout private estates, parks and grounds.

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS



View showing various types of Union Metal Lamp Standards installed in the Garden surrounding our plant. This photograph shows the wide variety of designs ranging from Entrance Standards to the largest and most ornamental types of Street Lighting Standards.



EASILY AND COMPACTLY BOXED

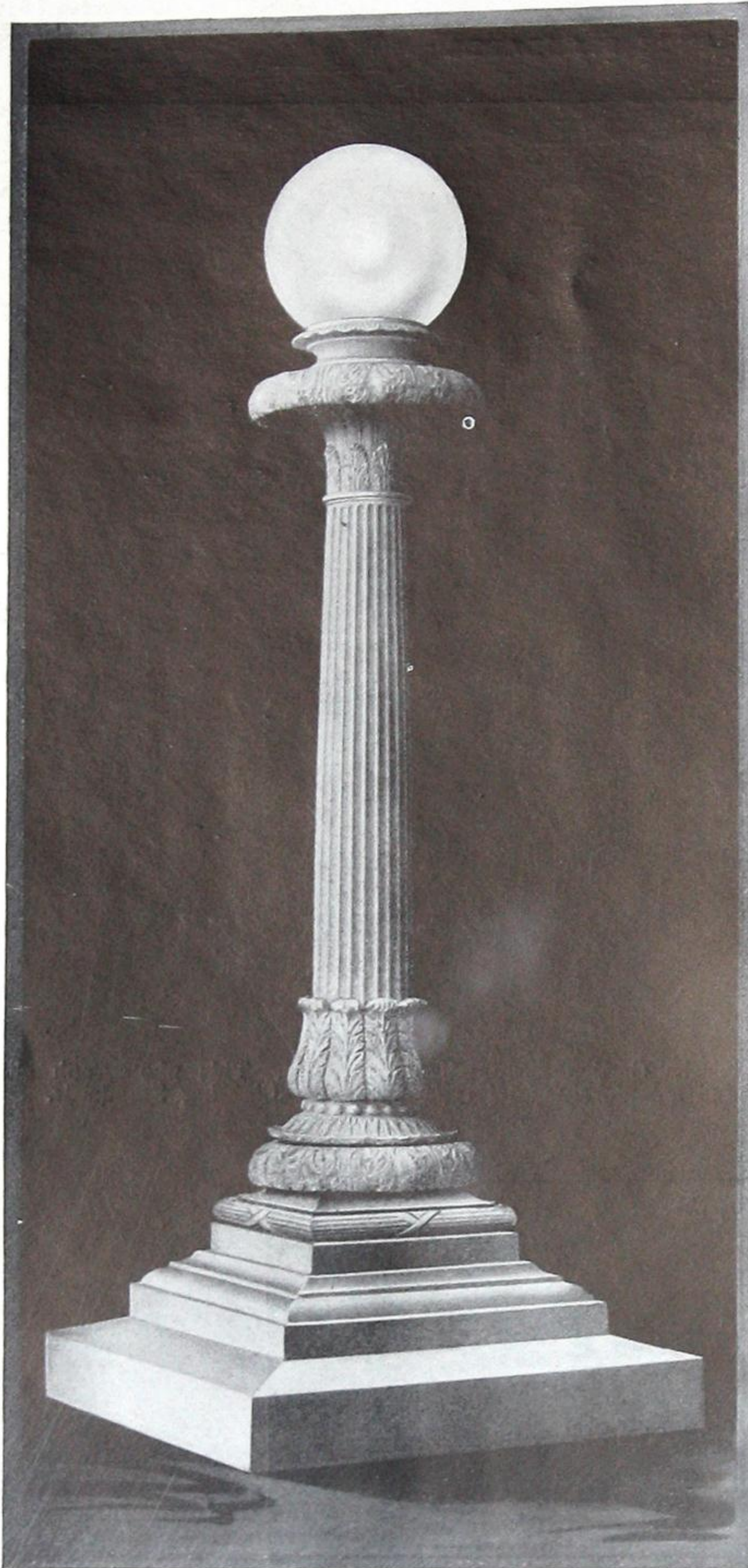
Union Metal sectional construction lends itself admirably to the knocking down and nesting of standards into small bulk. They are twice as light as cast iron standards and require from six to ten times less packing and shipping space than any other type of standard.

This photograph shows twelve Union Metal Street Lighting Standards, four Entrance Standards, eight Wall Brackets and five Newel Lamps packed for export shipment into three reasonably small boxes. Although this shipment was crated for export it gives some idea of how easily and compactly Union Metal Lamp Standards can be boxed.

THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 742—42 in. square base
Design No. 824—(Without lower base member)
Design No. 840—(With small square base only)



Design No. 810—3 Lights
*Design No. 826—3 Lights without lower base member
*Design No. 825—5 Lights without lower base member
Design No. 757—5 Lights

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globes			
742	1	42 in. sq.	9½ in.	6½ in.	-----	-----	18x10 in.	-----	9 ft. 3 in.	810
824	1	31 in. sq.	9½ in.	6½ in.	-----	-----	18x10 in.	-----	8 ft. 7½ in.	540
840	1	20 in. sq.	9½ in.	6½ in.	-----	-----	18x10 in.	-----	8 ft. 2 in.	420
810	3	42 in. sq.	9½ in.	6½ in.	31½ in.	12x6 in.	16x 8 in.	-----	10 ft. 1 in.	755
757	5	42 in. sq.	9½ in.	6½ in.	31½ in.	12x6 in.	16x 8 in.	-----	10 ft. 1 in.	805
826	3	31 in. sq.	9½ in.	6½ in.	31½ in.	12x6 in.	16x 8 in.	-----	9 ft. 5½ in.	490
825	5	31 in. sq.	9½ in.	6½ in.	31½ in.	12x6 in.	16x 8 in.	-----	9 ft. 5½ in.	540

*This design can also be furnished with a base member 25½ in. square or 18 in. x 25½ in.

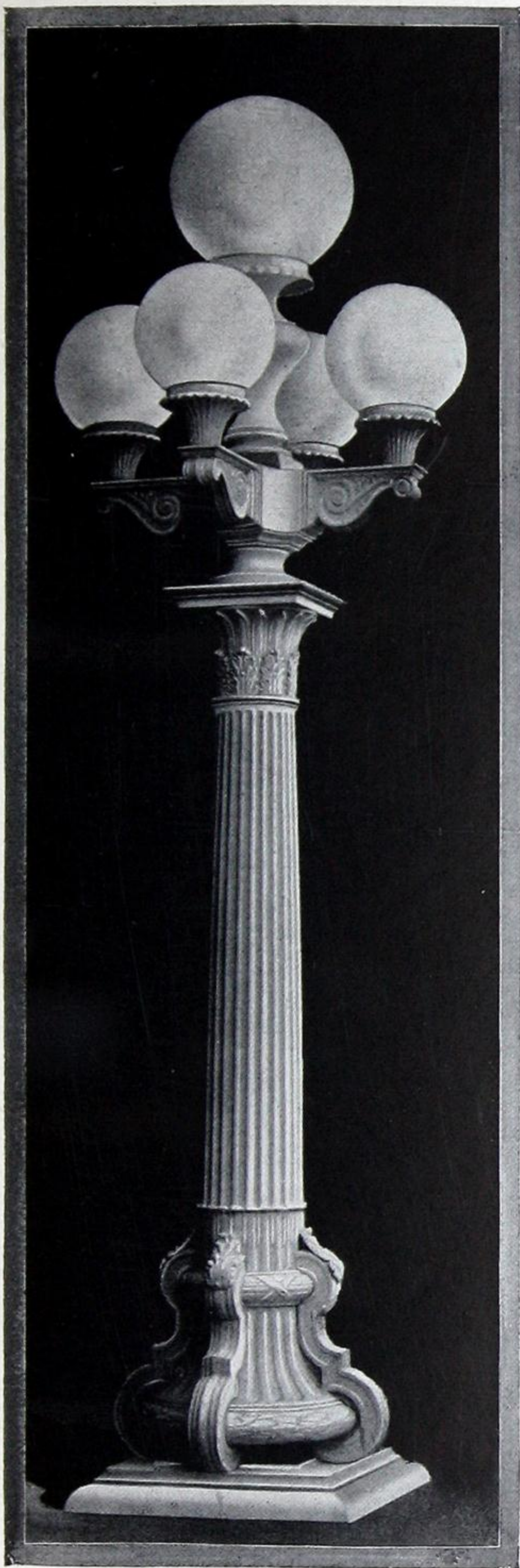
ADDITIONAL SPECIFICATIONS

Specified heights can be varied to suit conditions without materially affecting the cost.
Many different designs may be created by interchanging bases, shafts, and capitals of Union Metal Lamp Standards.
Standards are given shop coat of green metallastic paint, both inside and outside, before leaving the factory and should be given finishing coat after erection. Following special finishes are furnished at extra charge when specified. Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.
All designs can be furnished with copper jacketed shafts at an extra charge. Prices quoted upon application.
Always specify type of socket that will be used.
Anchor rods furnished with all standards to anchor them to foundation.

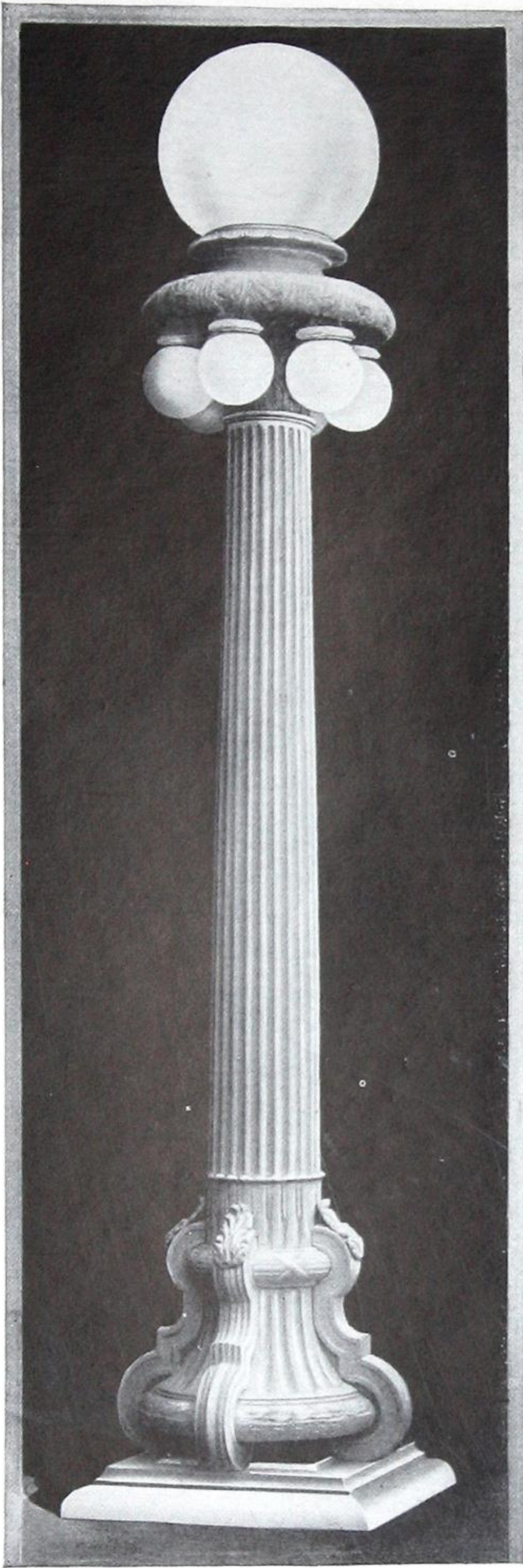
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

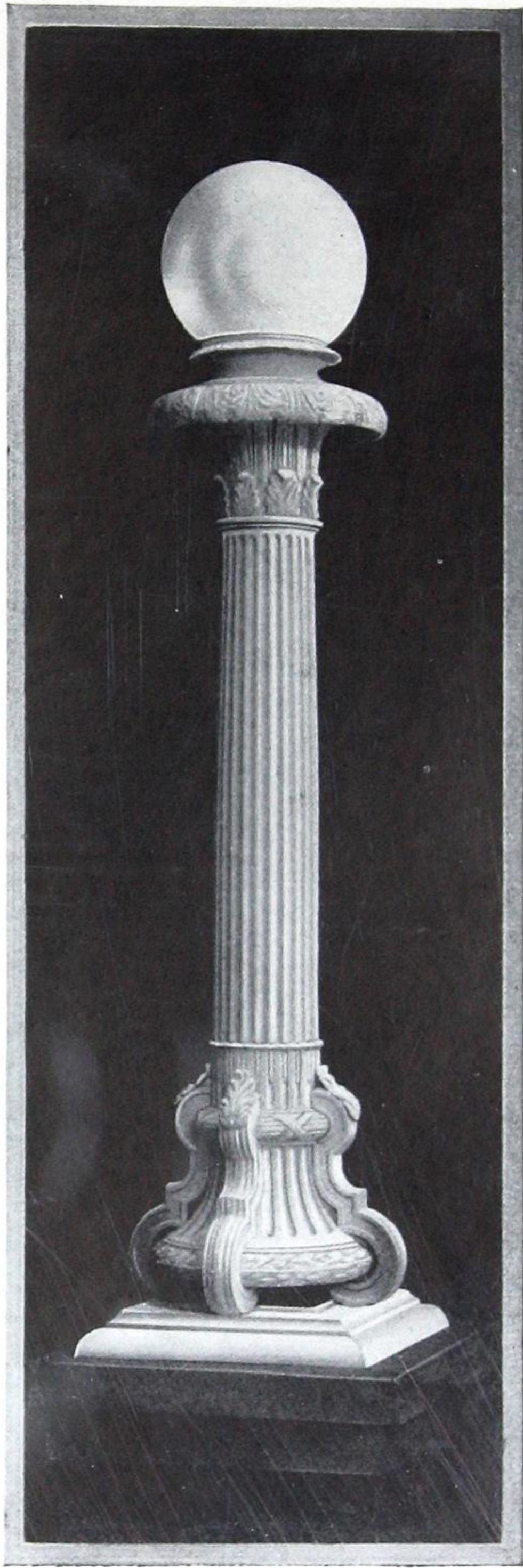
SECTION 7—UNION METAL ENTRANCE STANDARDS



*Design No. 811—3 Lights
*Design No. 754—5 Lights



*Design No. 734



*Design No. 733

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globes			
811	3	25½ in. sq.	9½ in.	6½ in.	25½ in.	12x6 in.	16x 8 in.	-----	10 ft. 0 in.	435
754	5	25½ in. sq.	9½ in.	6½ in.	25½ in.	12x6 in.	16x 8 in.	-----	10 ft. 0 in.	480
734	7	25½ in. sq.	9½ in.	6½ in.	15 in.	6x3¼ in.	18x10 in.	-----	9 ft. 7 in.	445
733	1	25½ in. sq.	9½ in.	8 in.	-----	-----	18x10 in.	-----	8 ft. 4 in.	440

*This design can also be furnished with a base member 18 x 25½ in.

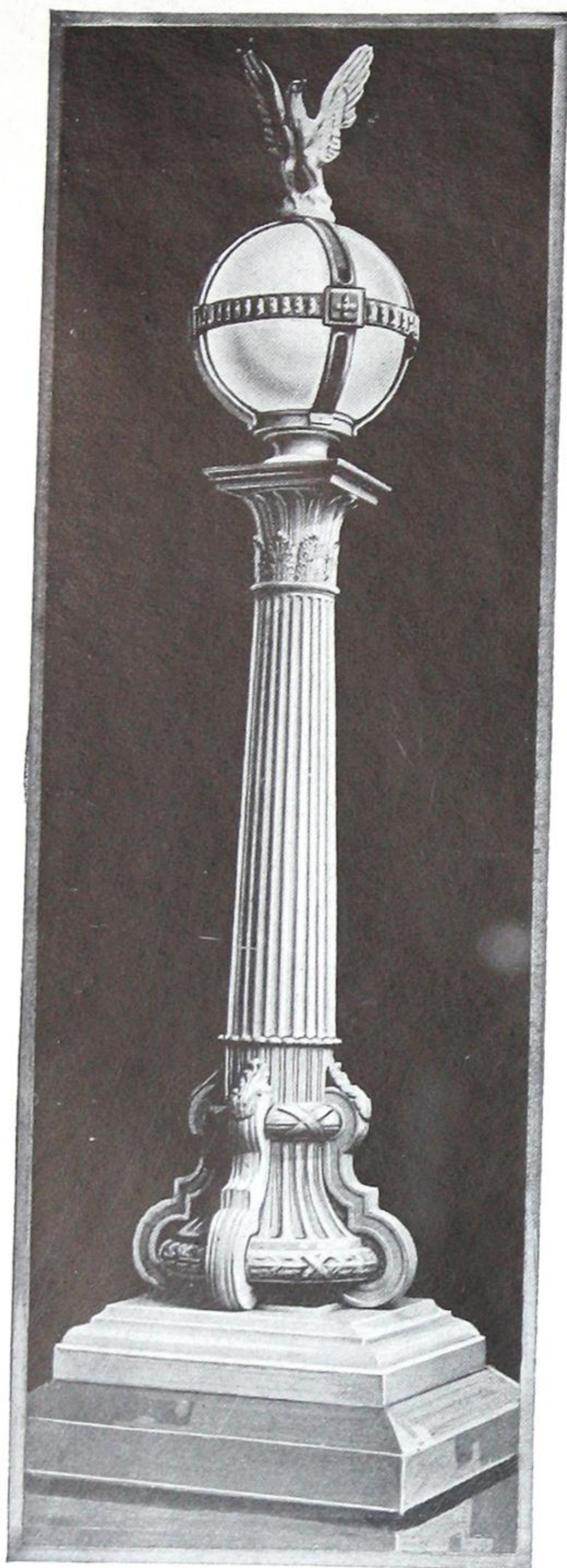
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Specified heights can be varied to suit conditions without materially affecting the cost. Many different designs may be created by interchanging bases, shafts, and capitals of Union Metal Lamp Standards. Standards are given shop coat of green metallastic paint, both inside and outside, before leaving the factory and should be given finishing coat after erection. Following special finishes are furnished at extra charge when specified. Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze. All designs can be furnished with copper jacketed shafts at an extra charge. Prices quoted upon application. Always specify type of socket that will be used. Anchor rods furnished with all standards to anchor them to foundation.

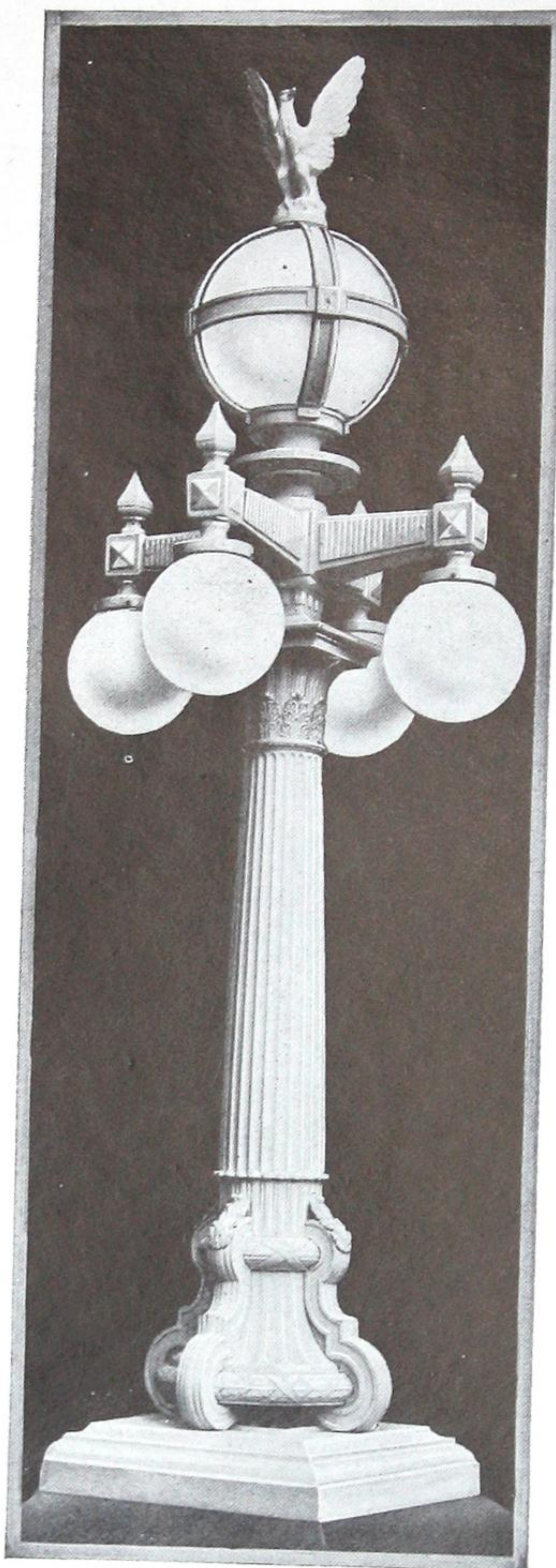
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

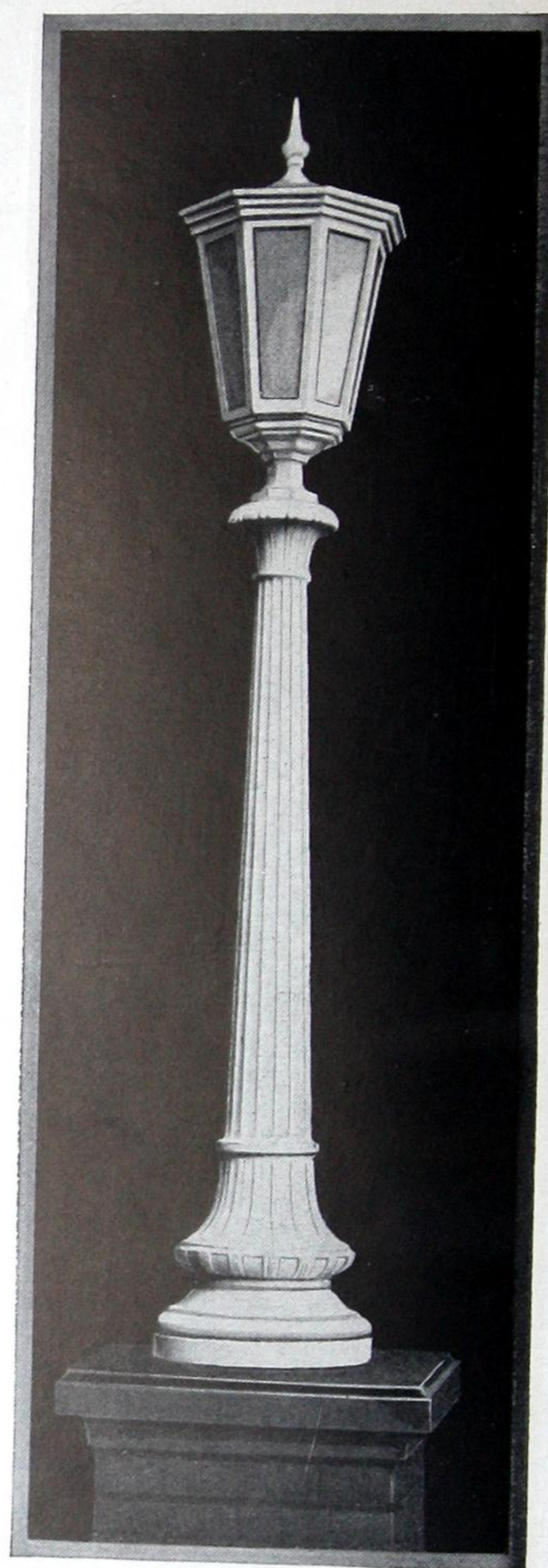
SECTION 7—UNION METAL ENTRANCE STANDARDS



*Design No. 1174—1 Light
With or without eagle and globe bands.



*Design No. 1265—5 Lights
With or without eagle and globe bands.



Design No. 1220
Lantern Standard.

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
1174	1	31 in. sq.	9 1/2 in.	6 1/2 in.					8 ft. 3 in.	470
1265	5	31 in. sq.	9 1/2 in.	6 1/2 in.	32 in.	12x6 in.	18x 8 in.		10 ft. 0 in.	635
1220	1	17 in. dia.	6 1/2 in.	4 in.			18x 8 in.	9x5x6 1/2 in.	8 ft. 3 in.	140

*This design can also be furnished with a base member 25 1/2 in. square or 18 in. x 25 1/2 in.

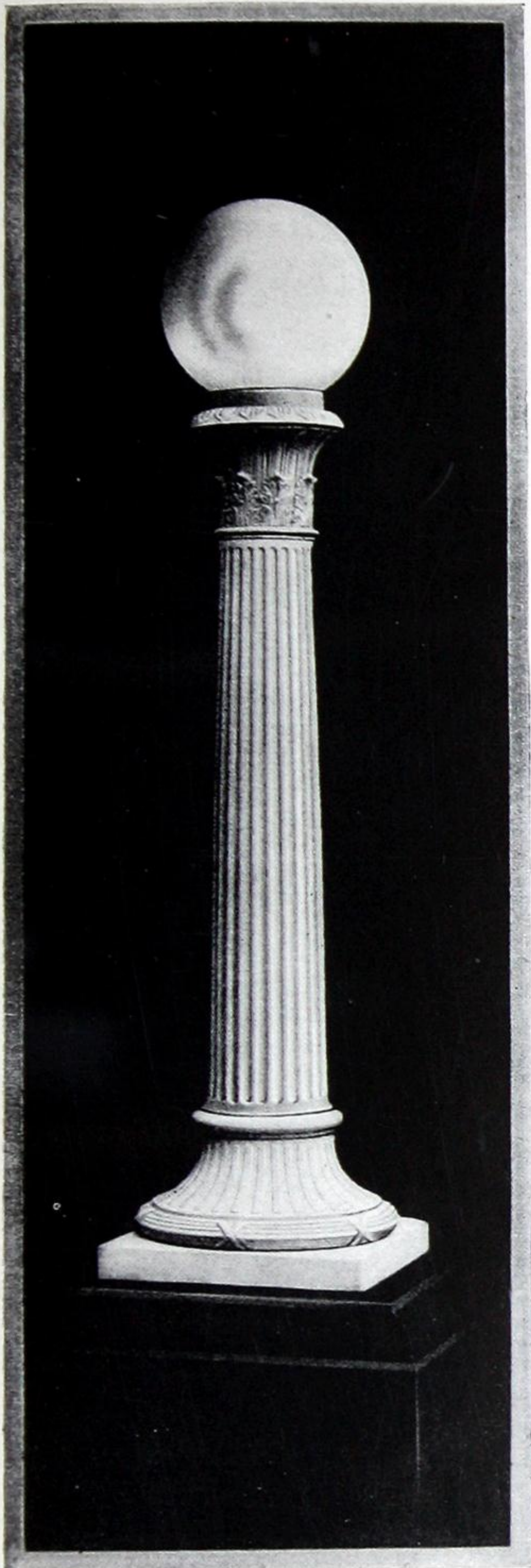
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All designs can be furnished with copper jacketed shafts at an extra charge. Prices quoted upon application.
Always specify type of socket that will be used.
Anchor rods furnished with all standards to anchor them to foundation.

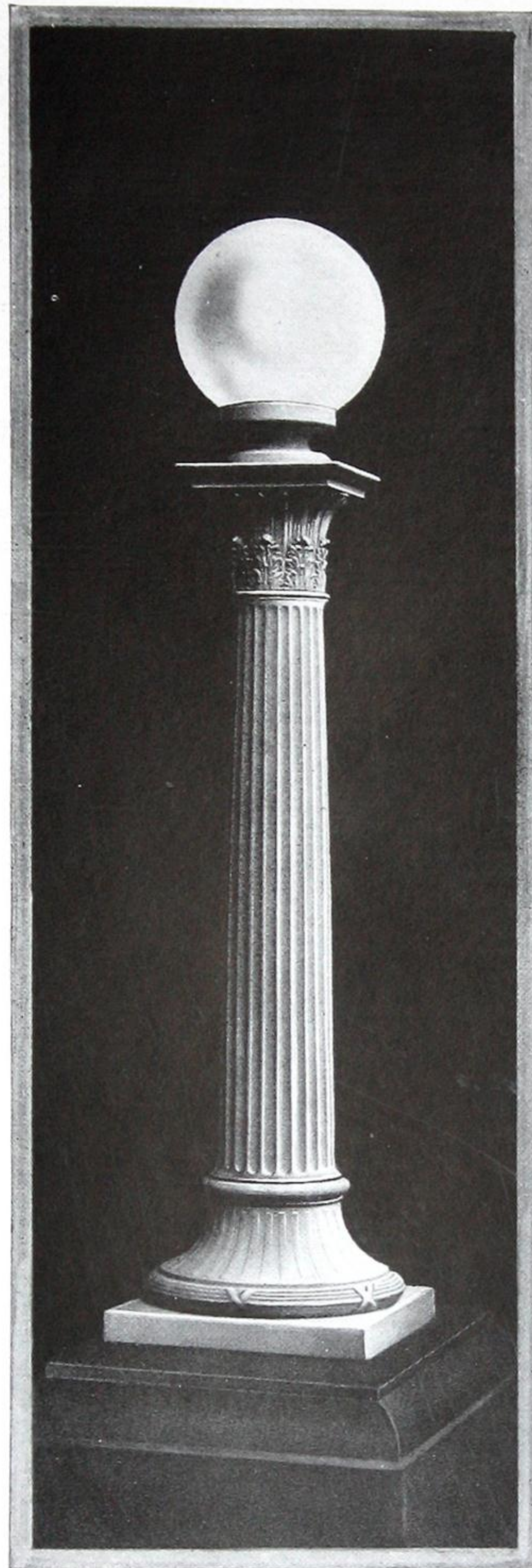
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

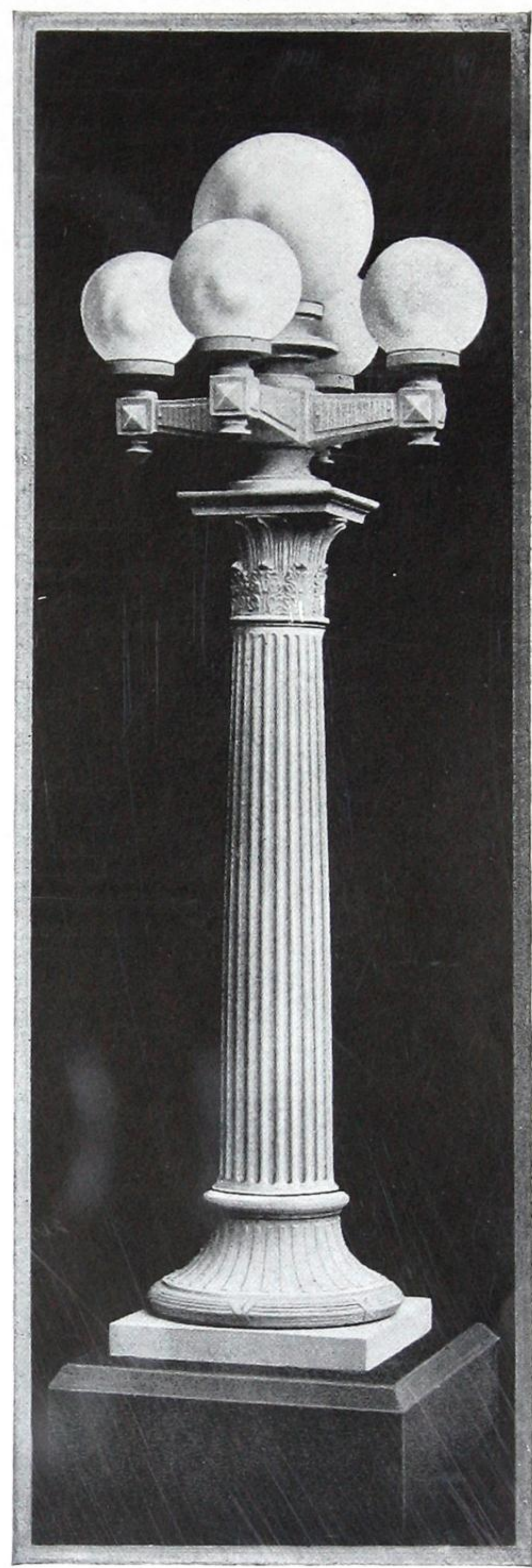
SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 726



Design No. 727
*Design No. 1488



Design No. 838—3 Lights
Design No. 749—5 Lights

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
726	1	20 in. sq.	9½ in.	6½ in.	-----	-----	16x 8 in.	6¾x9¼x6	6 ft. 10 in.	175
727	1	20 in. sq.	9½ in.	6½ in.	-----	-----	16x 8 in.	6¾x9¼x6	7 ft. 2 in.	190
1488	1	8½ in. sq.	5 in.	3½ in.	-----	-----	10x 5 in.	-----	3 ft. 6½ in.	50
838	3	20 in. sq.	9½ in.	6½ in.	23 in.	10x5 in.	14x 6 in.	6¾x9¼x5	7 ft. 10 in.	250
749	5	20 in. sq.	9½ in.	6½ in.	23 in.	10x5 in.	14x 6 in.	6¾x9¼x6	7 ft. 10 in.	275

*This design is not made with Stopped Flutes.

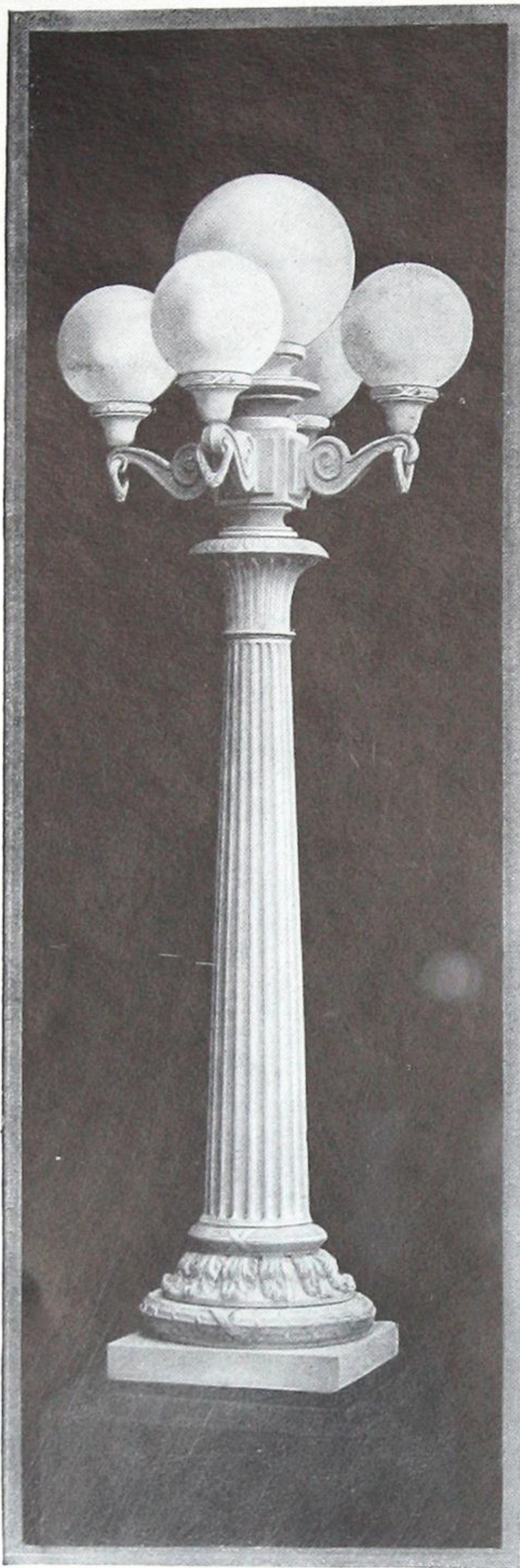
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Specified heights can be varied to suit conditions without materially affecting the cost.
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All designs can be furnished with copper jacketed shafts at an extra charge. Prices quoted upon application.
Always specify type of socket that will be used.
Anchor rods furnished with all standards to anchor them to foundation.

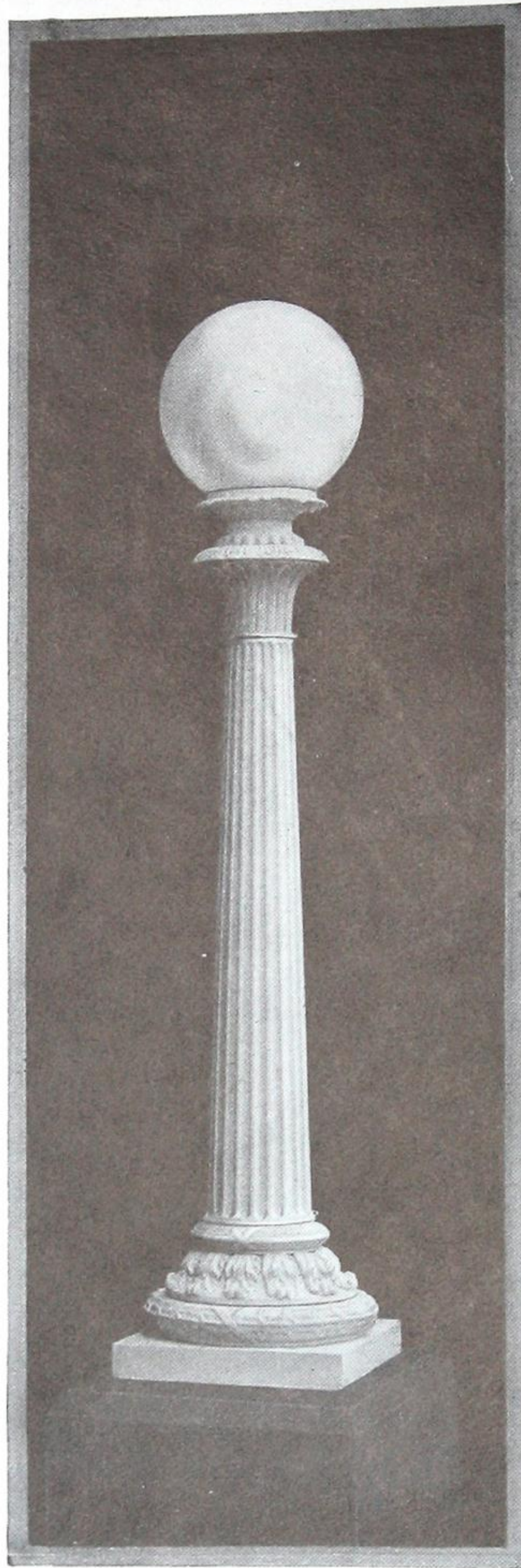
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

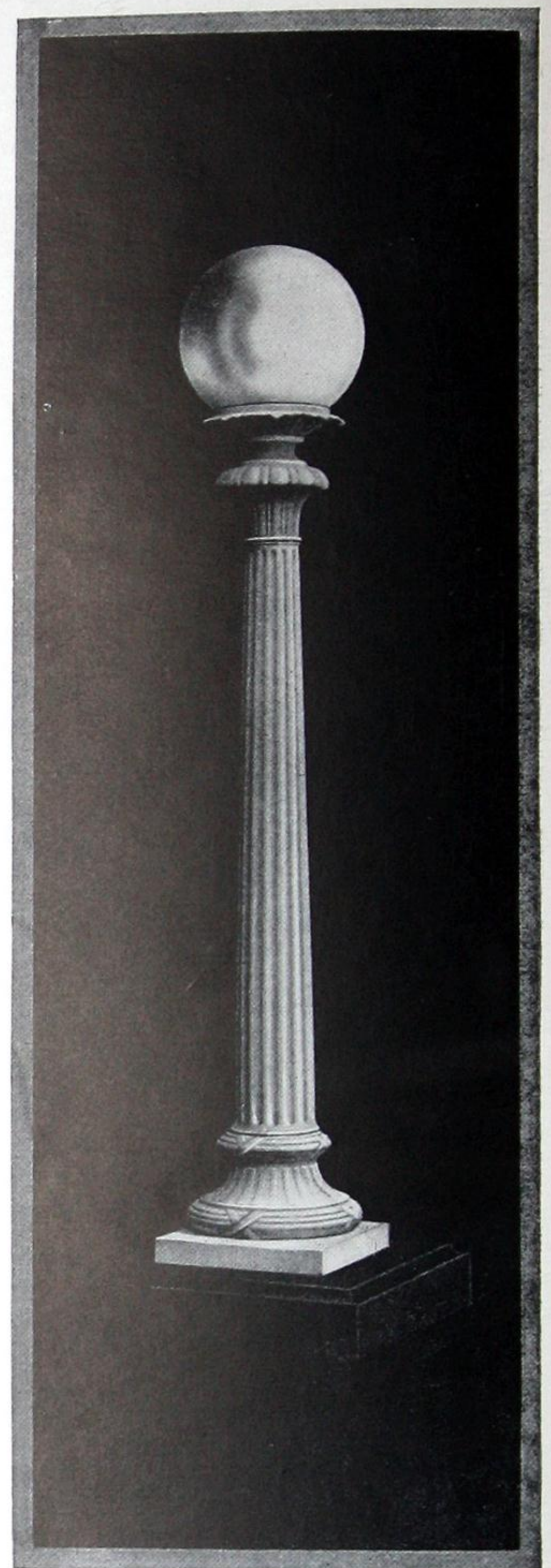
SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 813—3 Lights
Design No. 750—5 Lights



Design No. 723



Design No. 739

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
813	3	18 in. sq.	8 in.	5 in.	22½ in.	10x5 in.	14x6 in.	-----	7 ft. 5 in.	220
750	5	18 in. sq.	8 in.	5 in.	22½ in.	10x5 in.	14x6 in.	-----	7 ft. 5 in.	245
723	1	18 in. sq.	8 in.	5 in.	-----	-----	16x8 in.	-----	6 ft. 9 in.	160
739	1	13¼ in. sq.	5 in.	4 in.	-----	-----	14x8 in.	3½"x6"x3"	6 ft. 4 in.	105

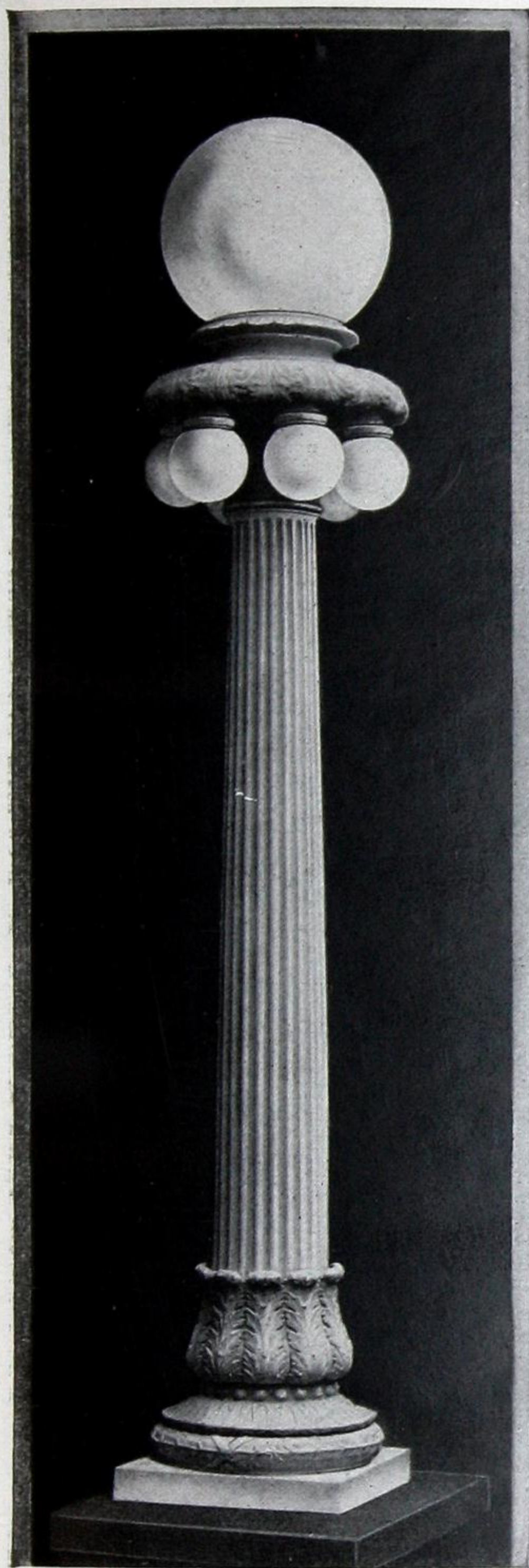
ADDITIONAL SPECIFICATIONS

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 All designs can be furnished with copper jacketed shafts at an extra charge. Prices quoted upon application.
 Always specify type of socket that will be used.
 Anchor rods furnished with all standards to anchor them to foundation.

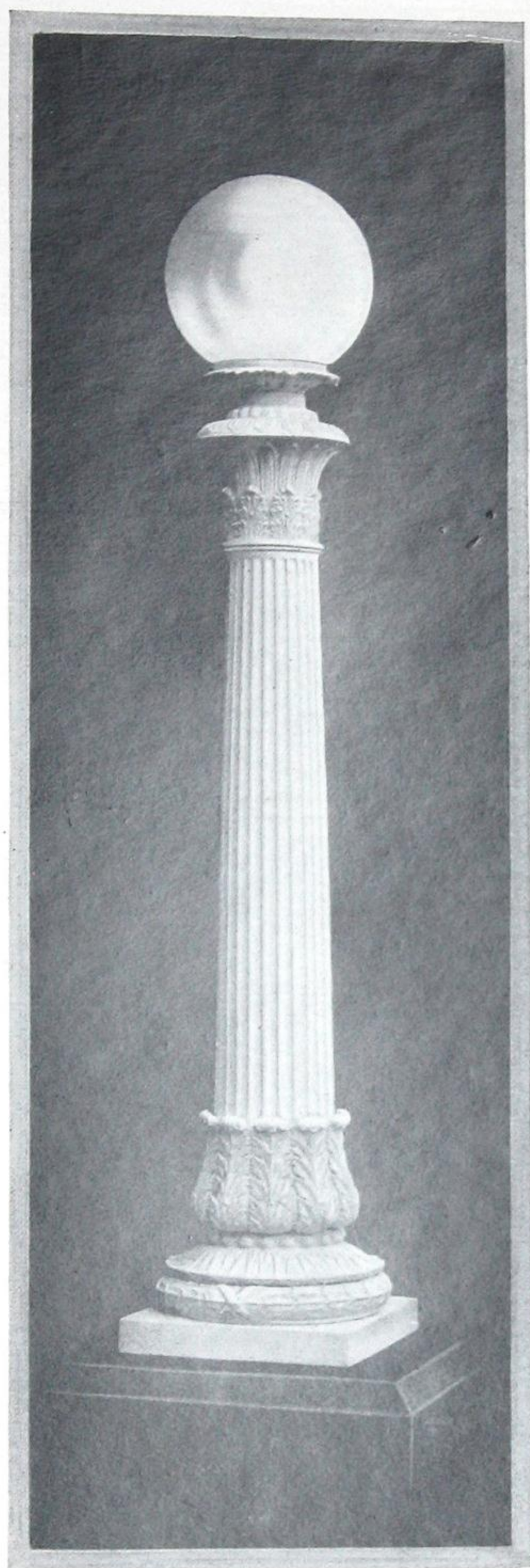
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

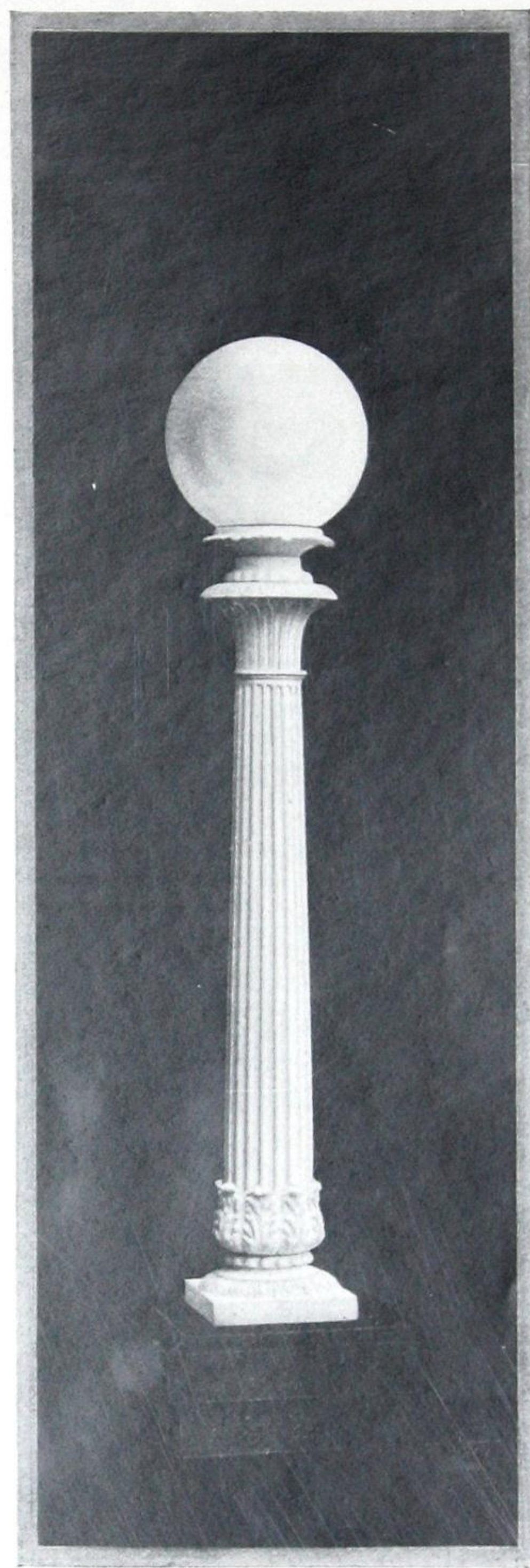
SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 735



Design No. 725



Design No. 731

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
735	7	18 in. sq.	9½ in.	6½ in.	15 in.	6x3¼ in.	18x10 in.	-----	8 ft. 1 in.	340
725	1	18 in. sq.	9½ in.	6½ in.	-----	-----	16x 8 in.	-----	7 ft. 6 in.	225
731	1	11½ in. sq.	7 in.	5 in.	-----	-----	16x8 in.	-----	6 ft. 4 in.	115

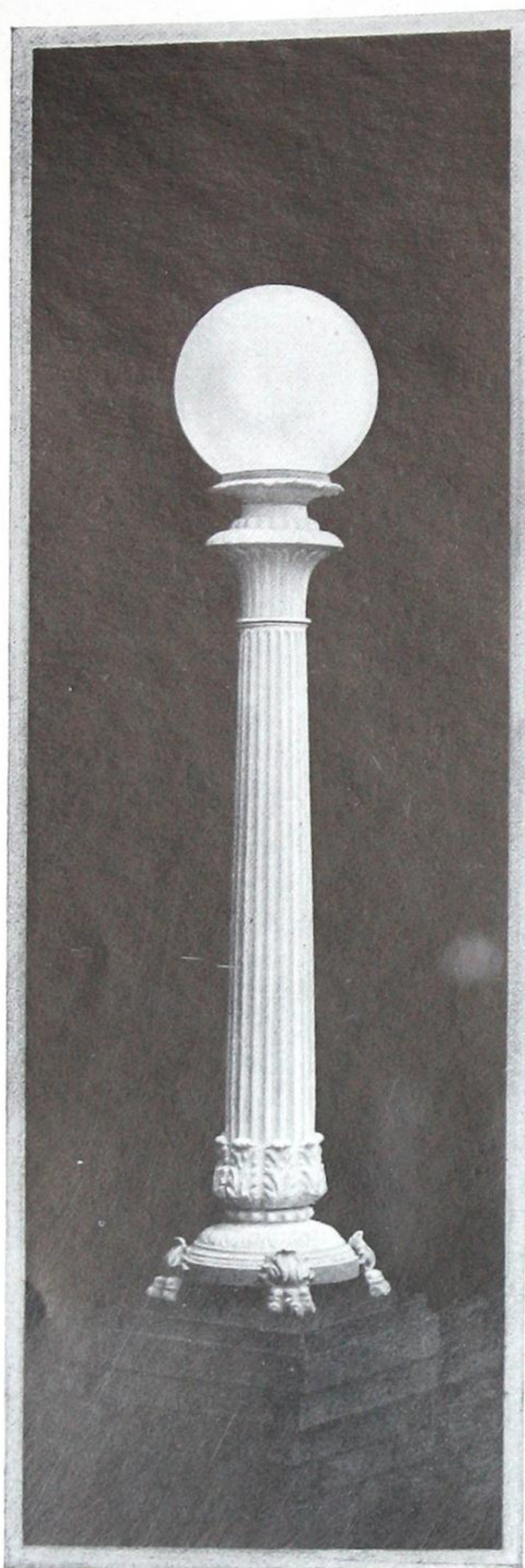
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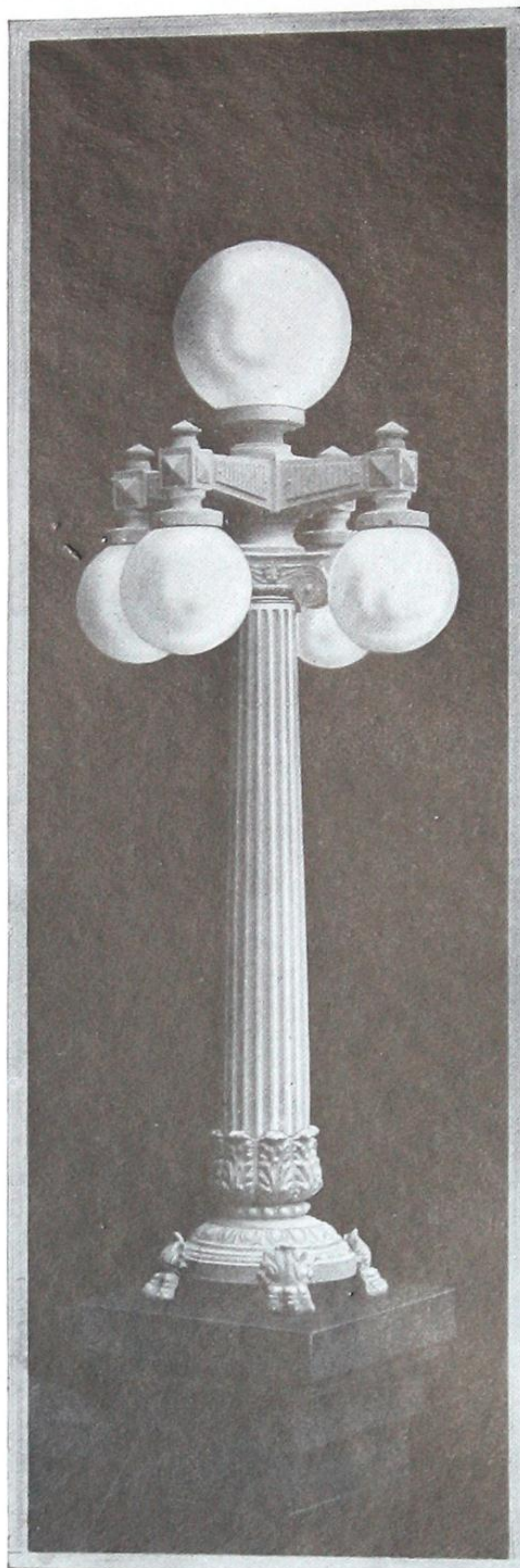
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

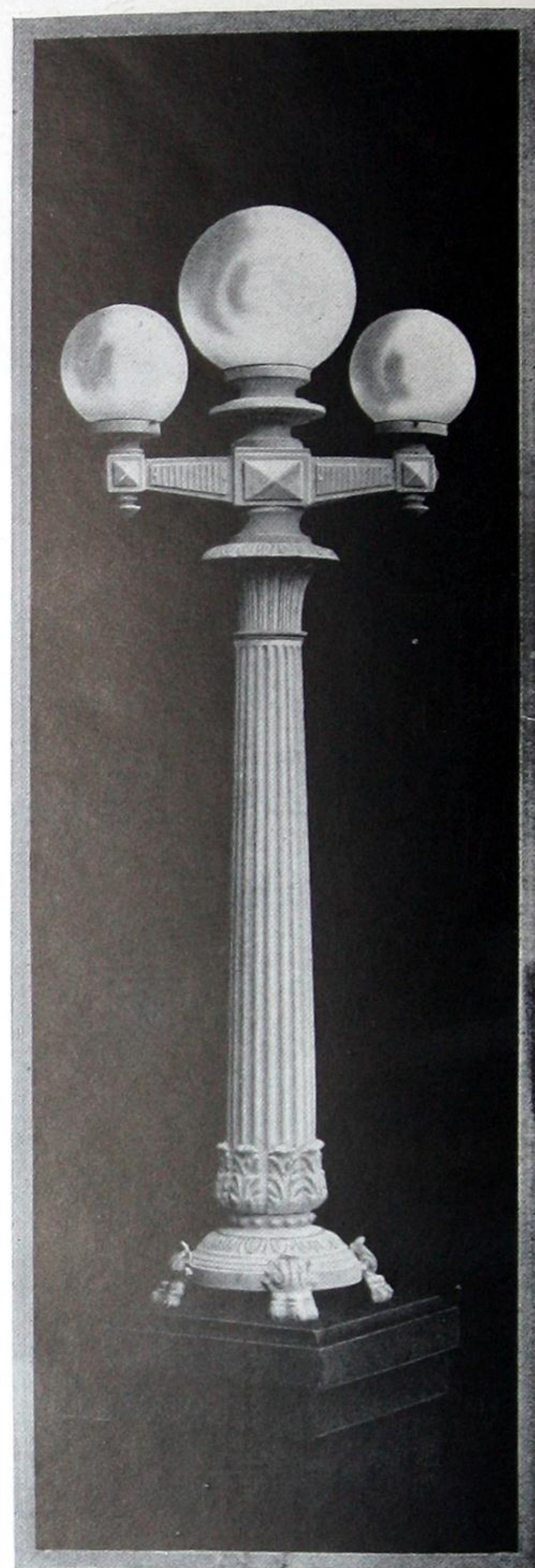
SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 730



Design No. 839—3 Lights
Design No. 759—5 Lights



Design No. 752—3 Lights
Design No. 815—5 Lights

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
730	1	19½ in.	7 in.	5 in.	-----	-----	16x8 in.	-----	6 ft. 7 in.	130
839	3	19½ in.	7 in.	5 in.	23 in.	10x5 in.	14x6 in.	-----	6 ft. 11½ in.	165
759	5	19½ in.	7 in.	5 in.	23 in.	10x5 in.	14x6 in.	-----	6 ft. 11½ in.	195
752	3	19½ in.	7 in.	5 in.	23 in.	10x5 in.	12x6 in.	-----	7 ft. 2 in.	180
815	5	19½ in.	7 in.	5 in.	23 in.	10x5 in.	12x6 in.	-----	7 ft. 2 in.	210

ADDITIONAL SPECIFICATIONS

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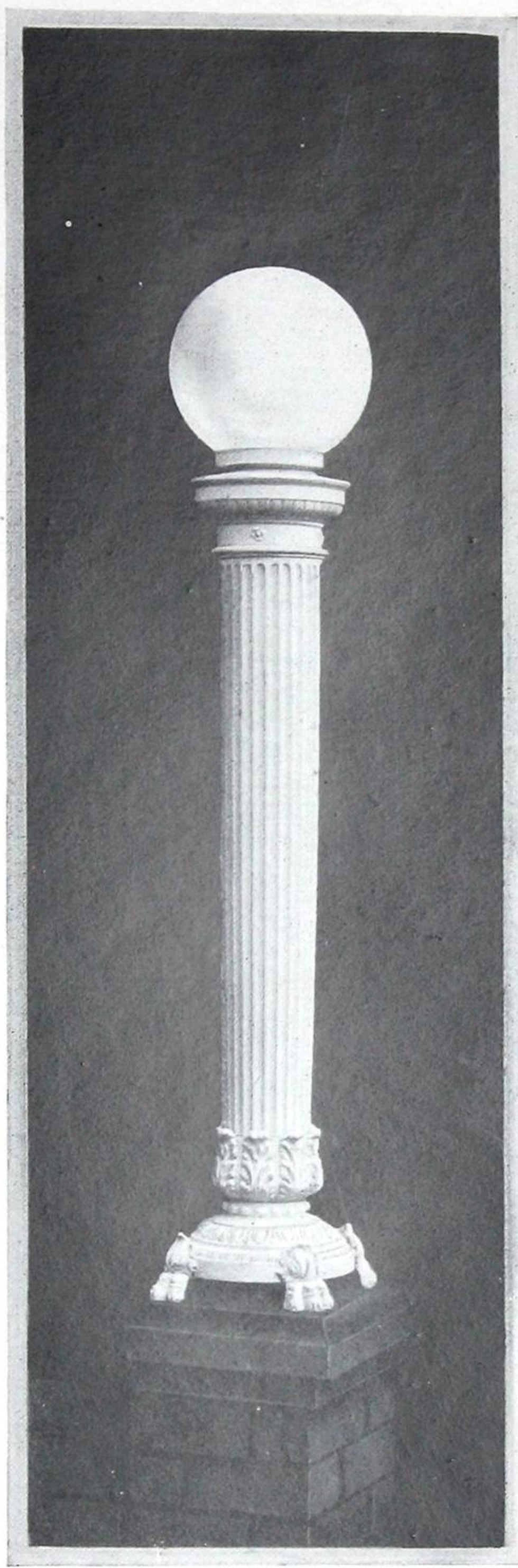
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

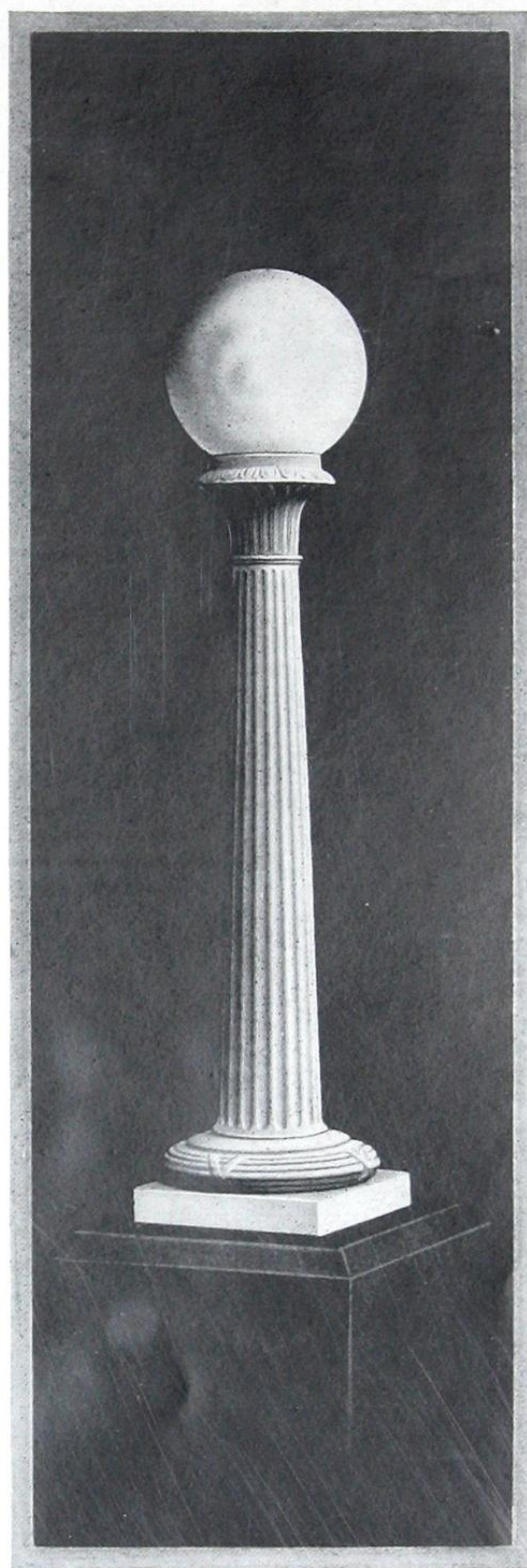
SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 816—3 Lights
Design No. 756—5 Lights



Design No. 741



Design No. 738

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
816	3	19½ in.	7 in.	5 in.	22 in.	10x5 in.	14x6 in.	-----	7 ft. 2 in.	210
756	5	19½ in.	7 in.	5 in.	22 in.	10x5 in.	14x6 in.	-----	7 ft. 2 in.	250
741	1	19½ in.	5 in.	7 in.	-----	-----	16x8 in.	-----	6 ft. 7 in.	150
738	1	17 in. sq.	8 in.	5 in.	-----	-----	16x8 in.	8x5x3 in.	5 ft. 11 in.	130

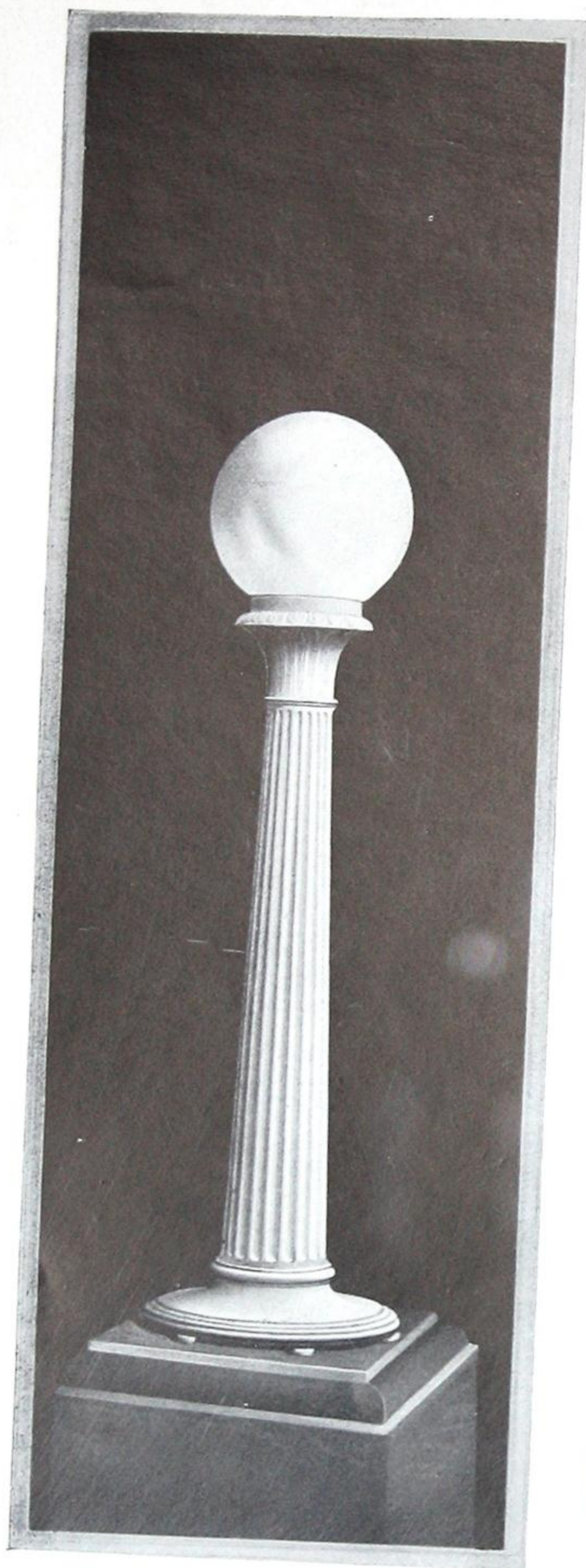
ADDITIONAL SPECIFICATIONS

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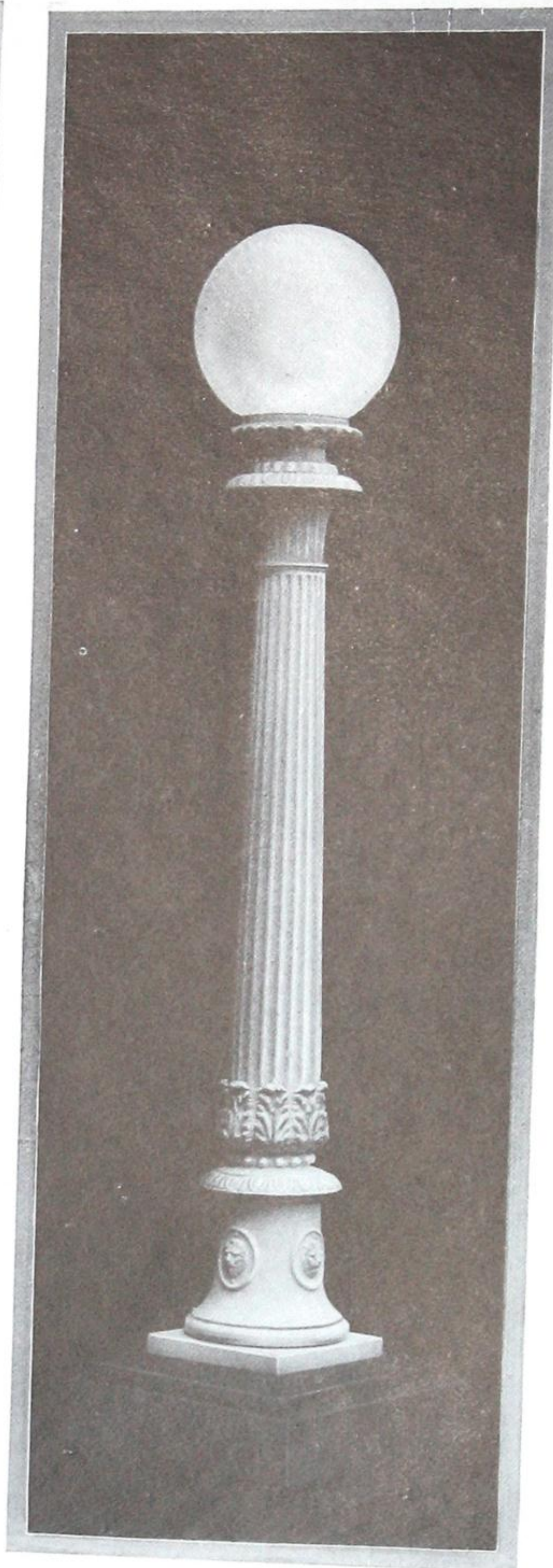
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UNION METAL EXTERIOR LIGHTING FIXTURES

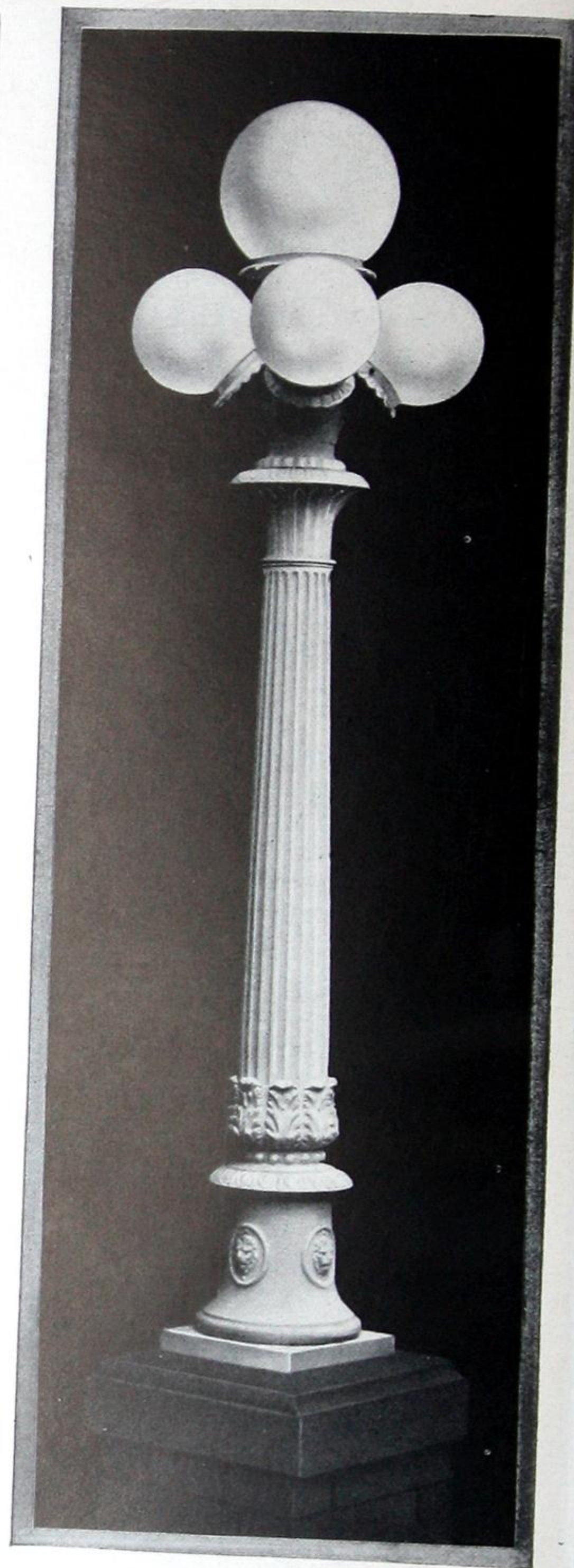
SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 659



Design No. 732



Design No. 753

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
659	1	20 in. dia.	8 in.	5 in.	-----	-----	16x8 in.	-----	6 ft. 1½ in.	125
732	1	13 in. sq.	7 in.	5 in.	-----	-----	16x8 in.	-----	7 ft. 4 in.	155
753	5	13 in. sq.	7 in.	5 in.	16 in.	10x5 in.	14x8 in.	-----	8 ft. 1 in.	190

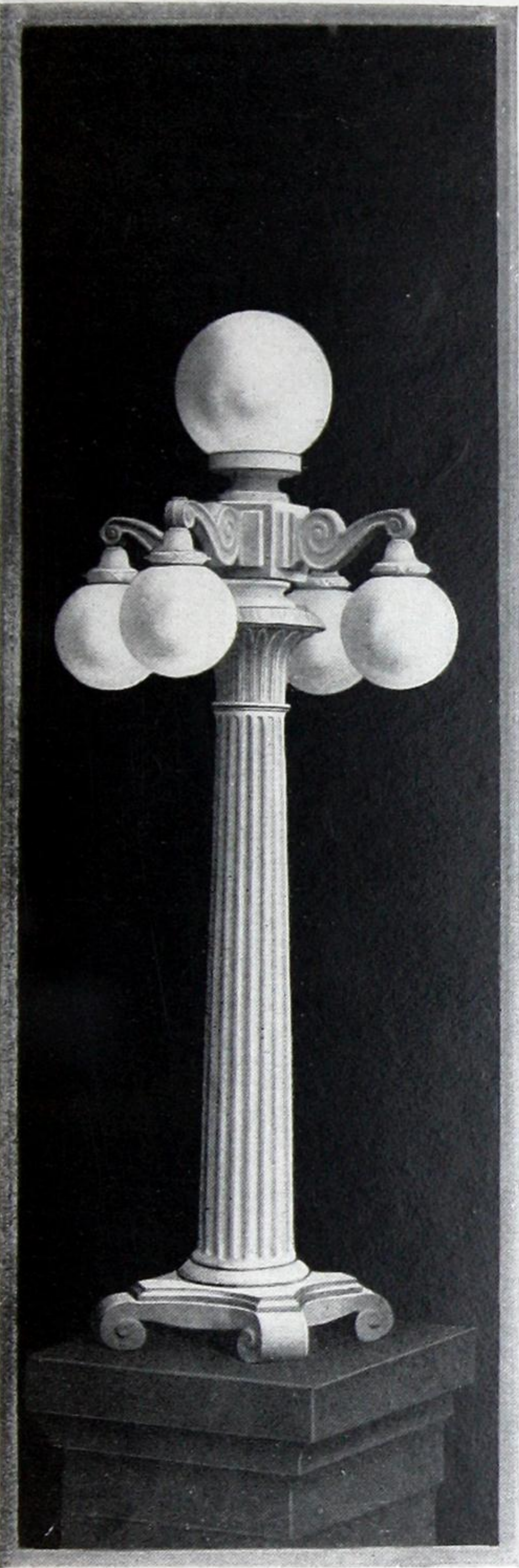
ADDITIONAL SPECIFICATIONS

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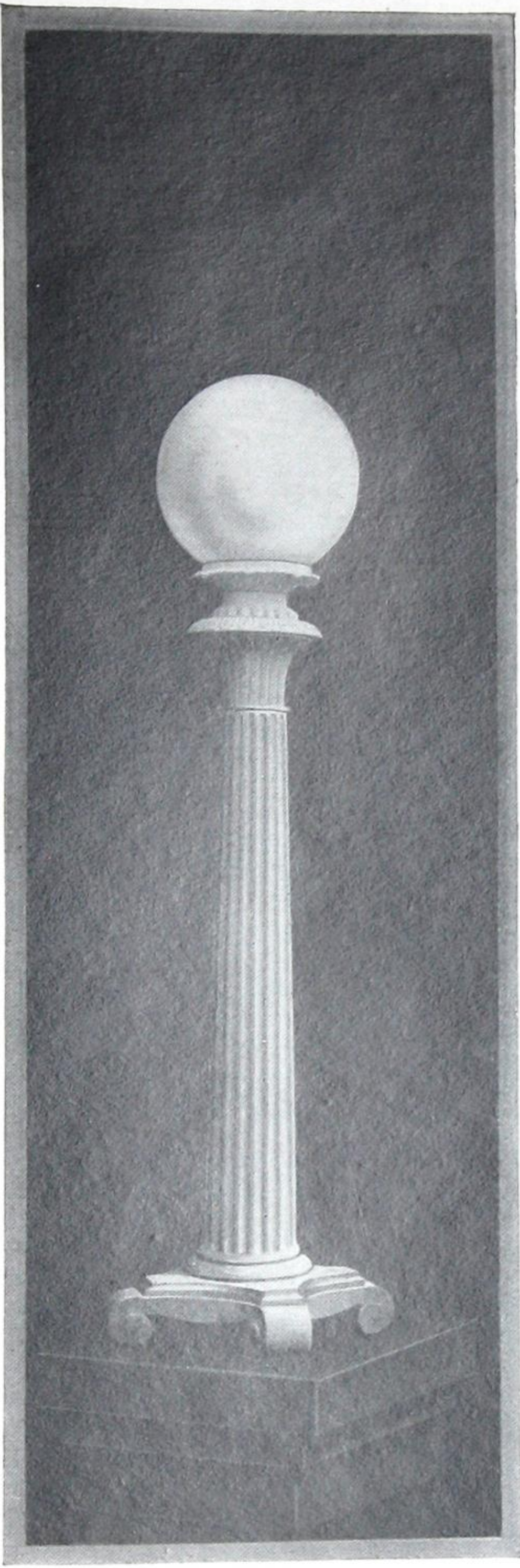
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UNION METAL EXTERIOR LIGHTING FIXTURES

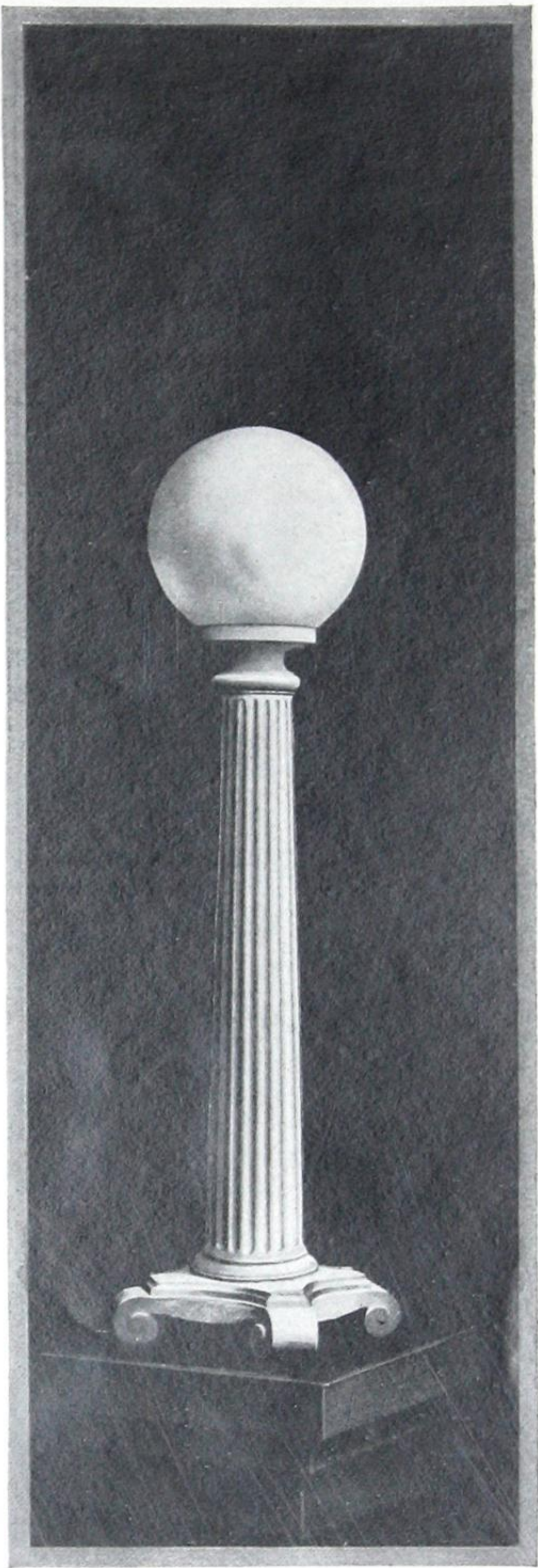
SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 817—3 Lights
Design No. 751—5 Lights



Design No. 729



Design No. 841

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
817	3	22 in.	7 in.	5 in.	22½ in.	8x4 in.	14x6 in.	-----	6 ft. 6½ in.	140
751	5	22 in.	7 in.	5 in.	22½ in.	8x4 in.	14x6 in.	-----	6 ft. 6½ in.	155
729	1	22 in.	7 in.	5 in.	-----	-----	16x8 in.	-----	6 ft. 6½ in.	105
841	1	22 in.	7 in.	5 in.	-----	-----	16x8 in.	-----	5 ft. 8 in.	85

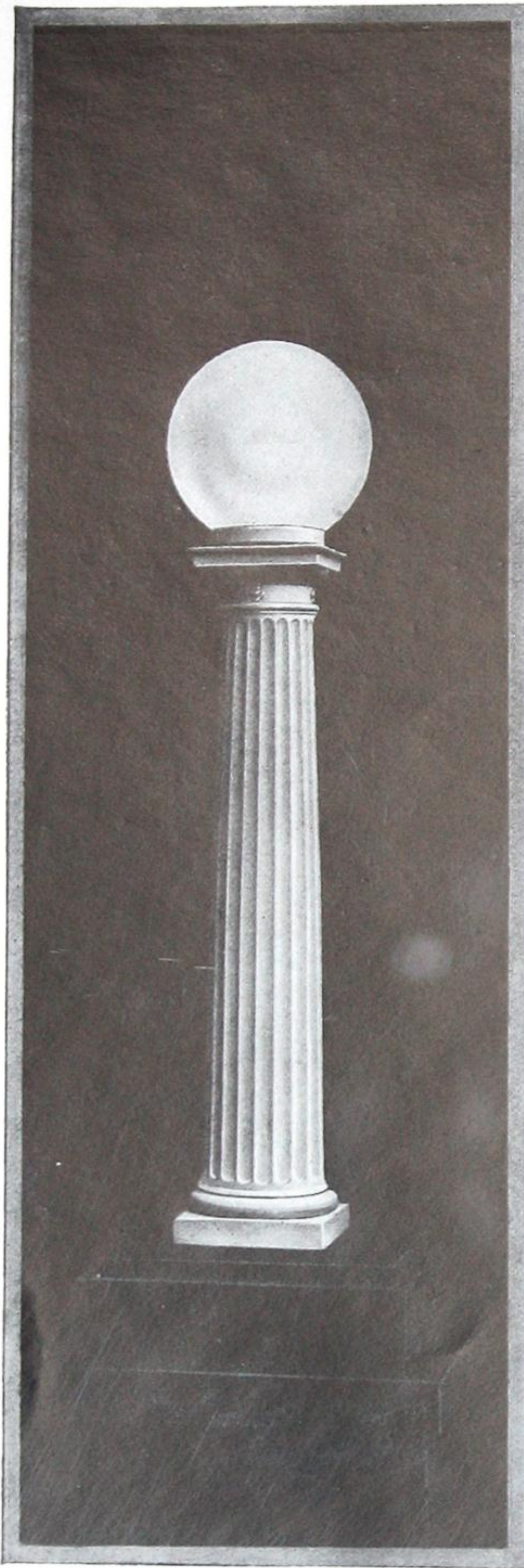
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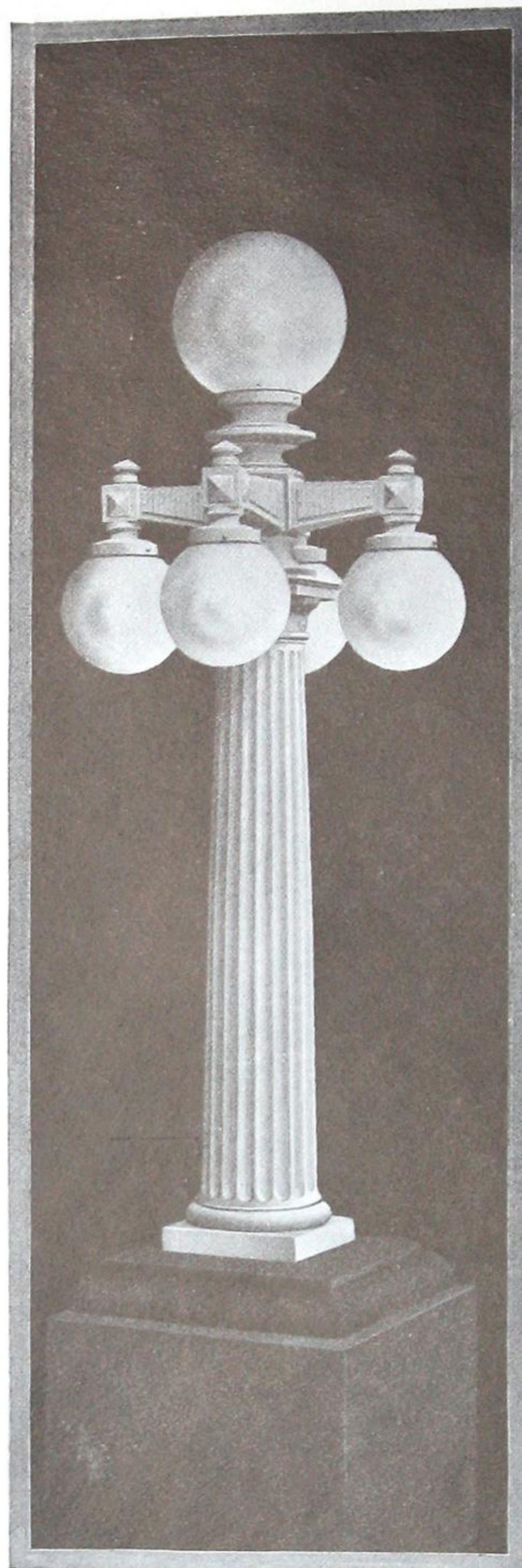
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UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 722



Design No. 818—3 Lights
Design No. 748—5 Lights



Design No. 819—3 Lights
Design No. 755—5 Lights

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
722	1	11½ in. sq.	9½ in.	6½ in.	-----	-----	16x8 in.	-----	6 ft. 2 in.	105
818	3	11½ in. sq.	9½ in.	6½ in.	23 in.	10x5 in.	14x6 in.	-----	6 ft. 8 in.	160
748	5	11½ in. sq.	9½ in.	6½ in.	23 in.	10x5 in.	14x6 in.	-----	6 ft. 8 in.	190
819	3	9¼ in. sq.	7 in.	5 in.	22 in.	10x5 in.	14x6 in.	-----	6 ft. 10 in.	170
755	5	9¼ in. sq.	7 in.	5 in.	22 in.	10x5 in.	14x6 in.	-----	6 ft. 10 in.	210

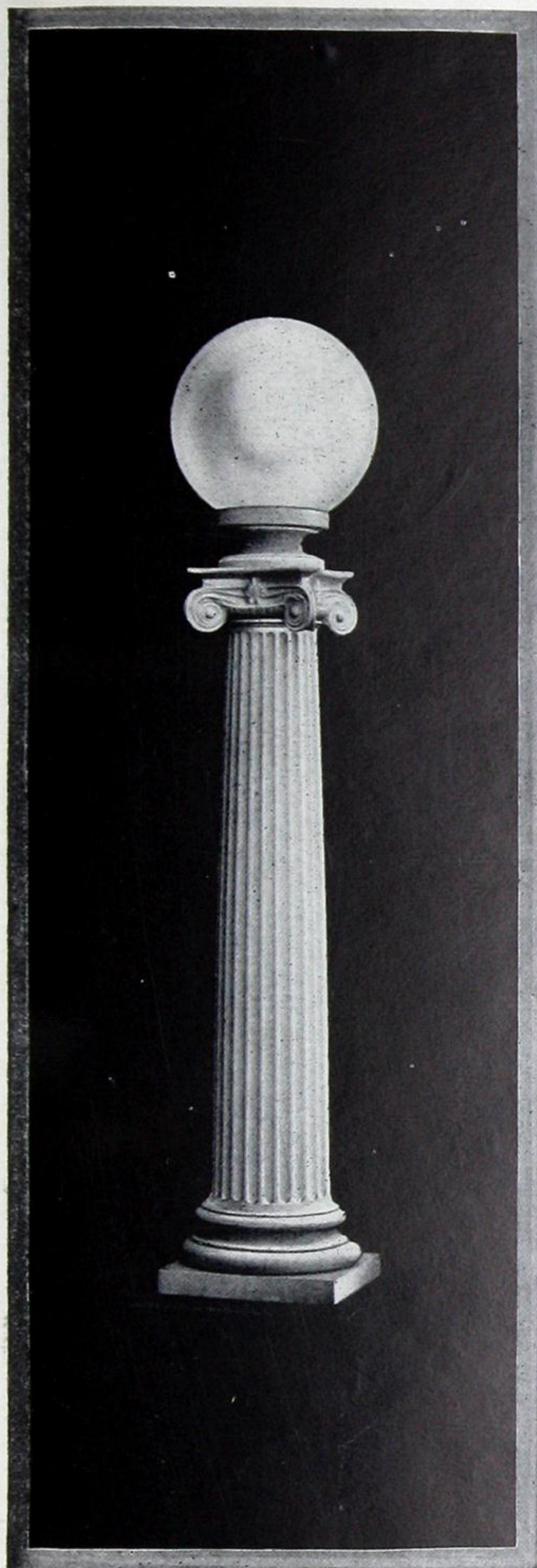
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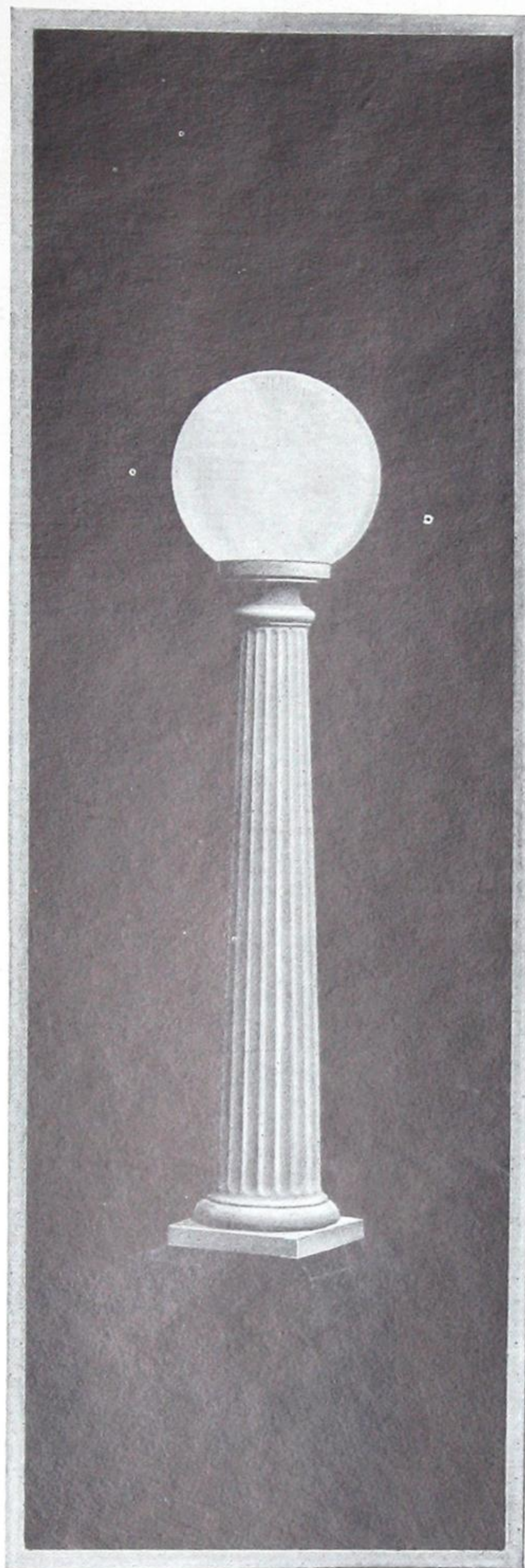
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

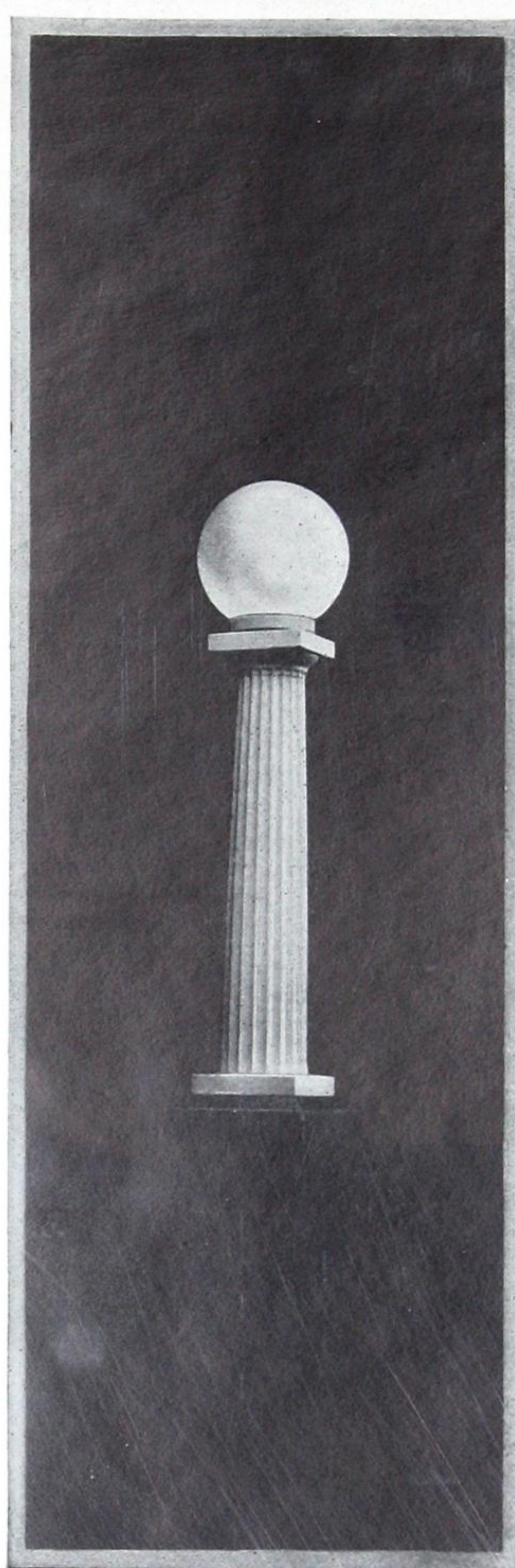
SECTION 7—UNION METAL ENTRANCE STANDARDS



Design No. 721—9½ in. Shaft
Design No. 837—7 in. Shaft



Design No. 737



Design No. 1495—7 in. Shaft
Design No. 835—10 in. Shaft
Design No. 836—12 in. Shaft

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Top of Central Globe	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
721	1	13¾ in. sq.	9½ in.	6½ in.	-----	-----	16x8 in.	-----	6 ft. 2 in.	130
837	1	9¼ in. sq.	7 in.	5 in.	-----	-----	12x6 in.	-----	4 ft. 7 in.	75
737	1	11 in. sq.	8 in.	5 in.	-----	-----	16x8 in.	-----	5 ft. 7 in.	70
1495	1	8½ in. sq.	7 in.	5 in.	-----	-----	12x6 in.	-----	4 ft. 0 in.	50
835	1	12¼ in. sq.	10 in.	7½ in.	-----	-----	14x8 in.	-----	5 ft. 10 in.	95
836	1	14⅜ in. sq.	12 in.	9 in.	-----	-----	16x8 in.	-----	6 ft. 2 in.	120

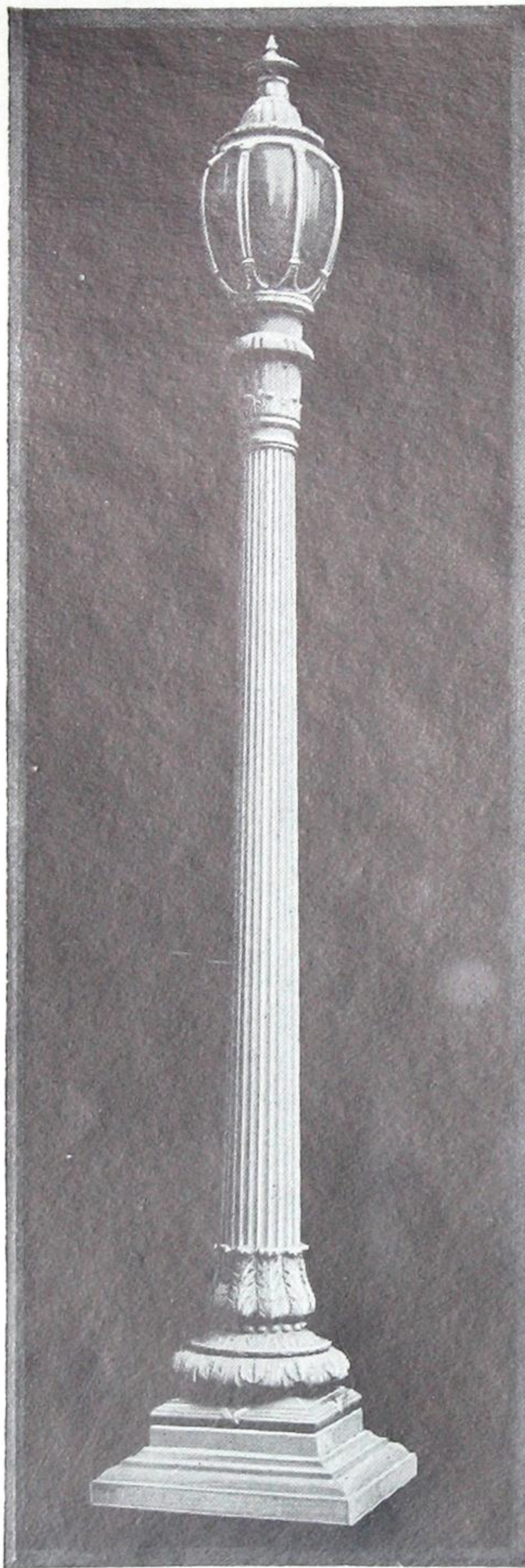
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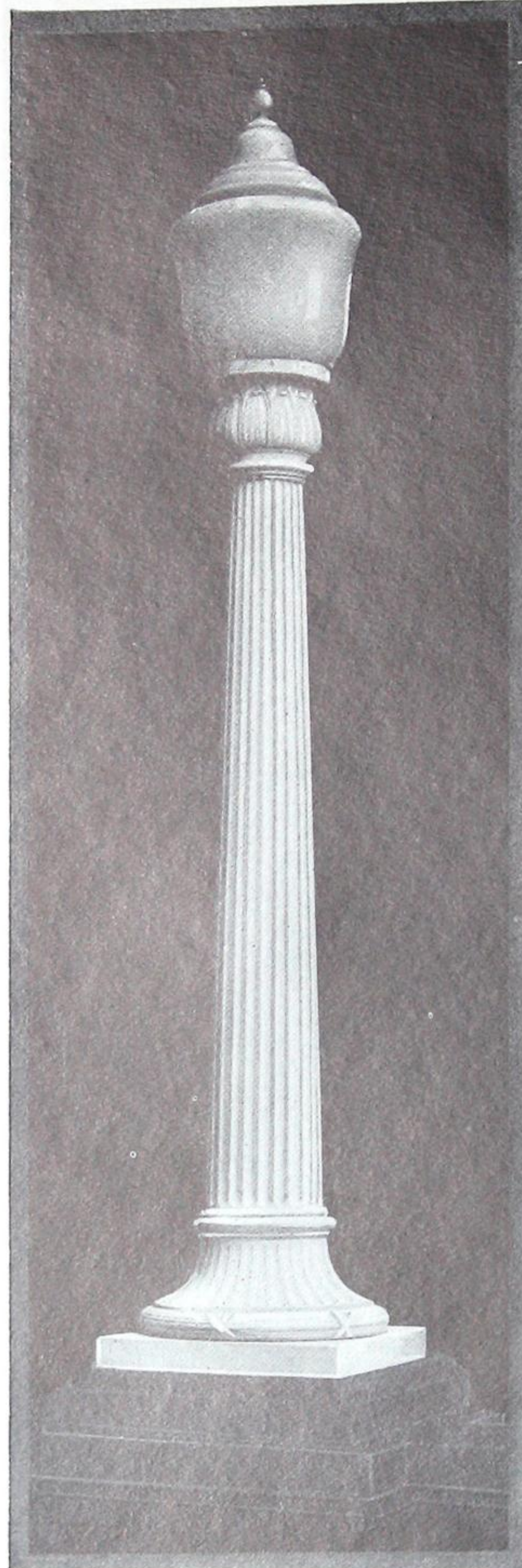
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

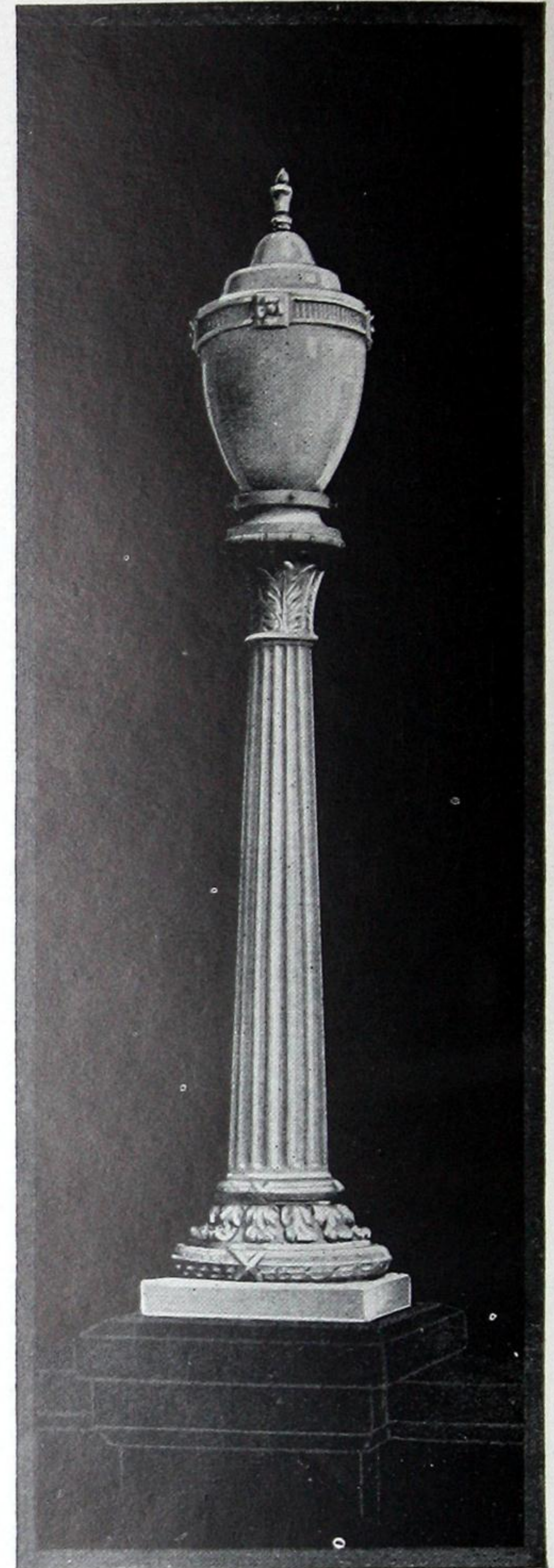
SECTION 7—UNION METAL ENTRANCE STANDARDS WITH GENERAL ELECTRIC NOVALUX UNITS.



Design No. 1176—Arranged for General Electric Form 4 Novalux unit with 8 Panelled Globe.



Design No. 1165
Design No. 1157
Arranged for G. E. Form 9 Novalux unit.



Design No. 1156
Arranged for G. E. Form 12 Novalux unit.

SPECIFICATIONS

Design	Size of Base at Ground Line	Diameter of Fluted Shaft		Style and Size of Lighting Units	Size of Door Opening Extreme Measurements	Standard Height to Light Source	Approx. Shipping Wt., Lbs. Std. Only
		Bottom	Top				
1176	30½ in. sq.	9½ in.	6½ in.	G. E. Form 4- 8 Panelled Globe	4¾ & 9¼ x 6 6½ & 4¼ x 3	12 ft. 3 in.	450
1165	20 in. sq.	9½ in.	6½ in.	G. E. Form 9-16 in. Globe		7 ft. 5 in.	150
1157	16 in. sq.	8 in.	6 in.	G. E. Form 9-16 in. Globe		5 ft. 11 in.	115
1156	18 in. sq.	8 in.	5 in.	G. E. Form 12-16 in. Globe		6 ft. 3 in.	135

ADDITIONAL SPECIFICATIONS

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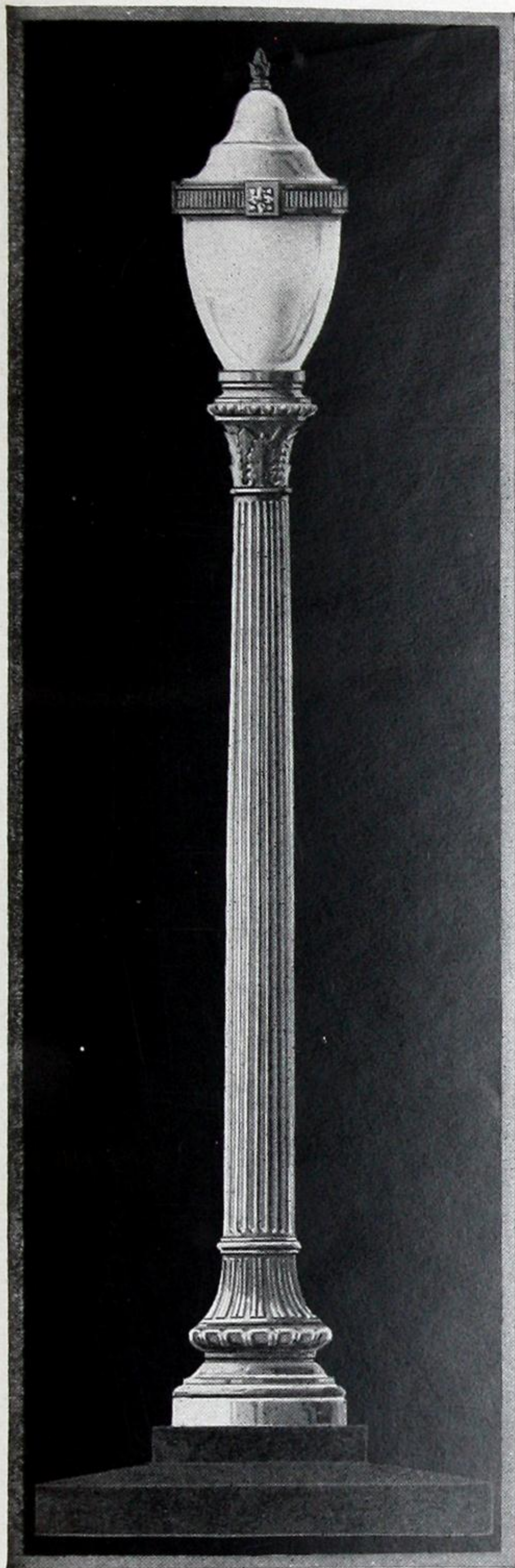
Always specify type of socket that will be used.

Anchor rods furnished with all standards to anchor them to foundation.

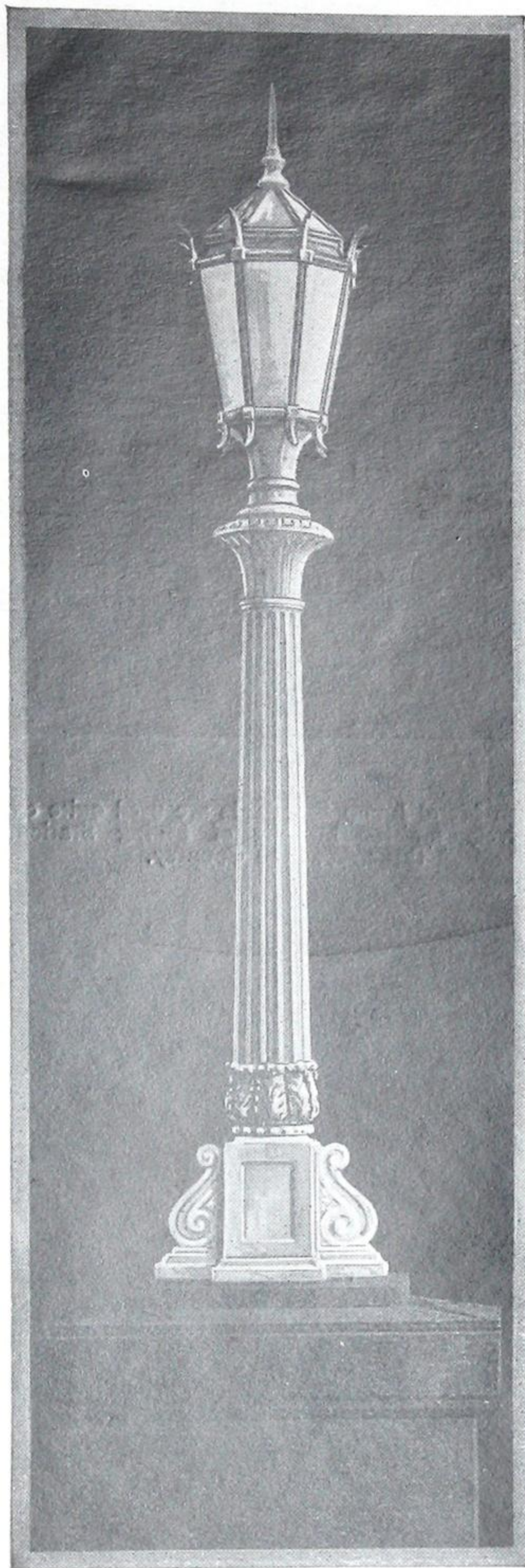
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

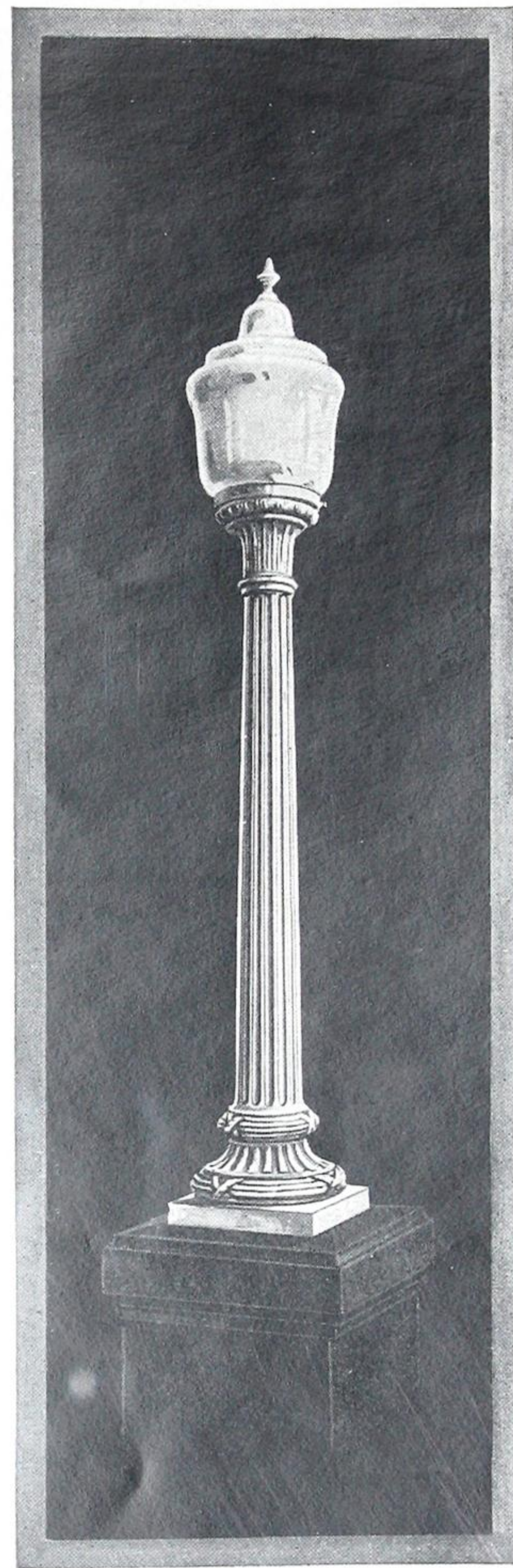
SECTION 7—UNION METAL ENTRANCE STANDARDS WITH GENERAL ELECTRIC NOVALUX UNITS



Design 1242 Entrance or Bridge Lighting Standard with G. E. Form 12 Novalux Unit, M Casing and —16" Globe.



Design 1652 Entrance or Bridge Lighting Standard with Union Metal Capital and G. E. Form 18 Novalux Lantern 18" small size "S" Casing.



Design 1218 Entrance or Bridge Lighting Standard with G. E. Form 8 Novalux Unit, F Casing—13" Globe.

SPECIFICATIONS

Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted shaft		Style and Size of Lighting Units	Size of Door Opening Extreme Measurements	Standard Height to Light Source	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top				
1242	1	17 in. Dia.	6½ in.	5 in.	---G. E. Form 12—16 in. Globe---	5x9x6½	9 ft. 2 in.	150
1652	1	9¾x20¼	7 in.	5 in.	---G. E. Small Size Form 18 Lantern---	-----	7 ft. 2 in.	170
1218	1	13 in. sq.	5½ in.	4 in.	---G. E. Form 8—13 in. Globe---	3¼x6x3	5 ft. 4 in.	80

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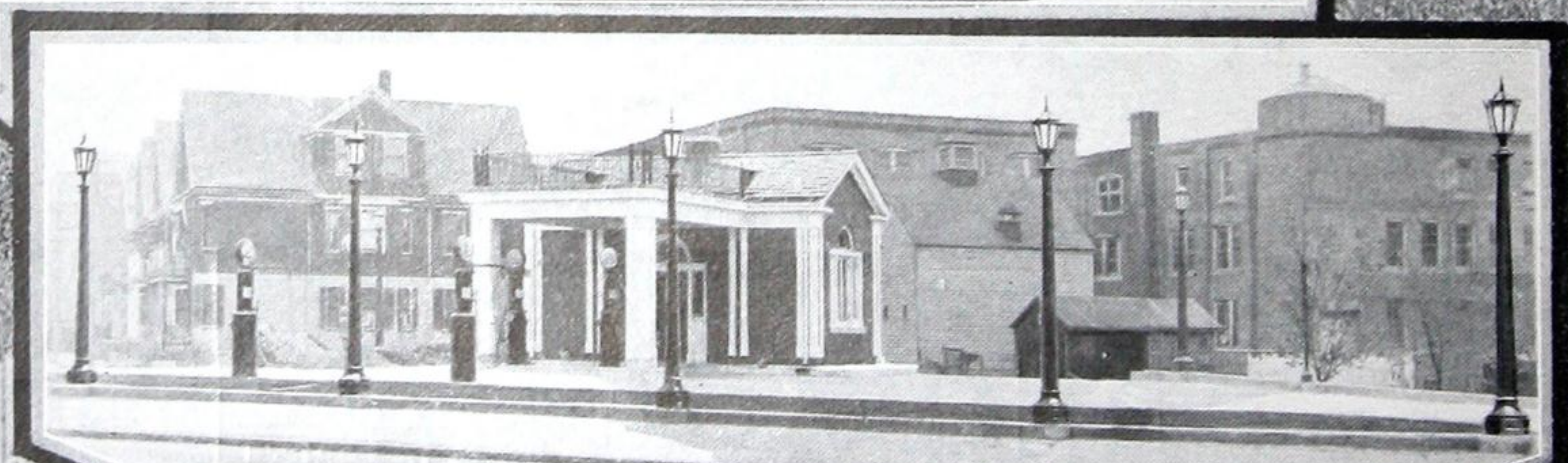
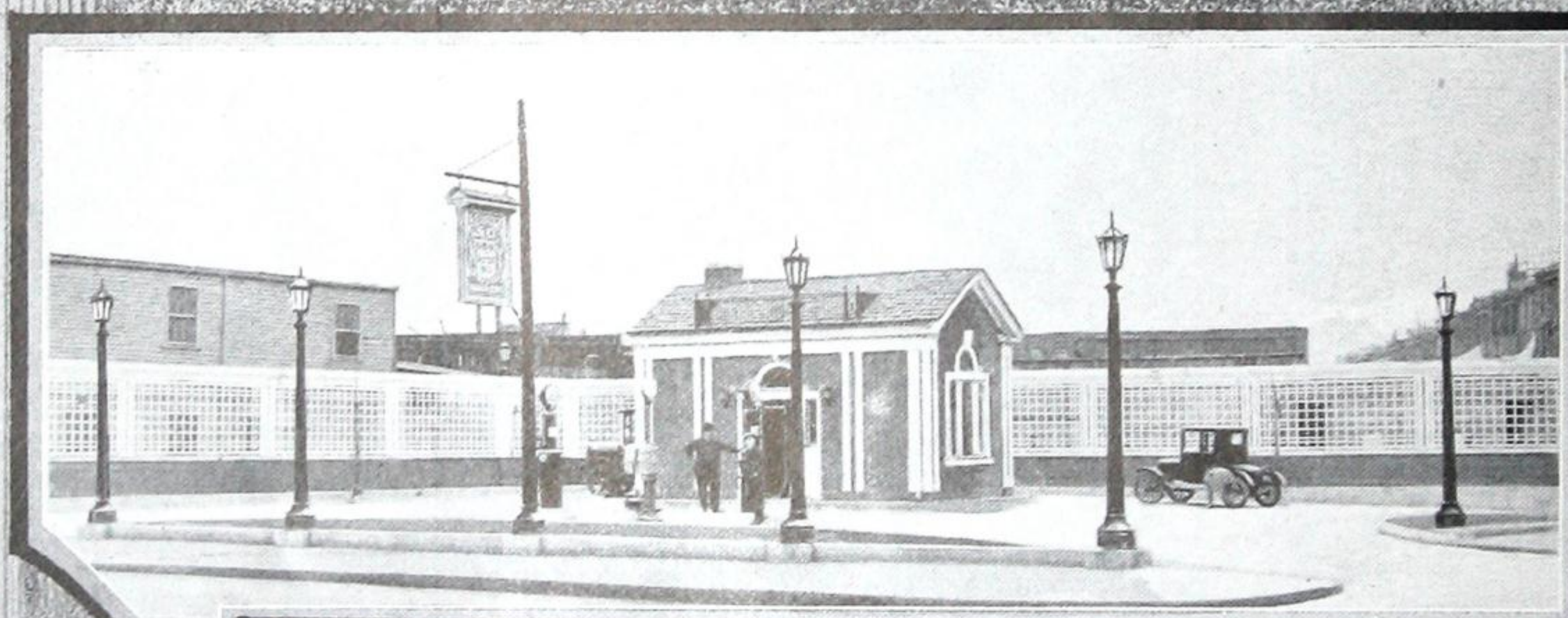
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 7—UNION METAL ENTRANCE STANDARDS WITH GENERAL ELECTRIC NOVALUX UNITS



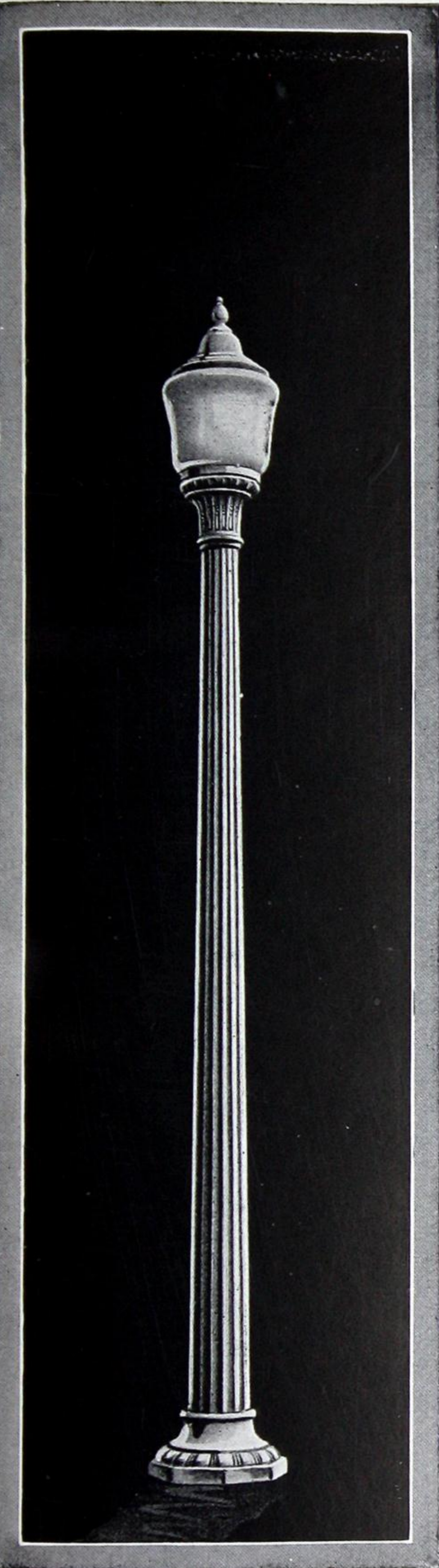
Union Metal Lamp Standards are used quite extensively for the lighting of Filling Stations throughout the Country.



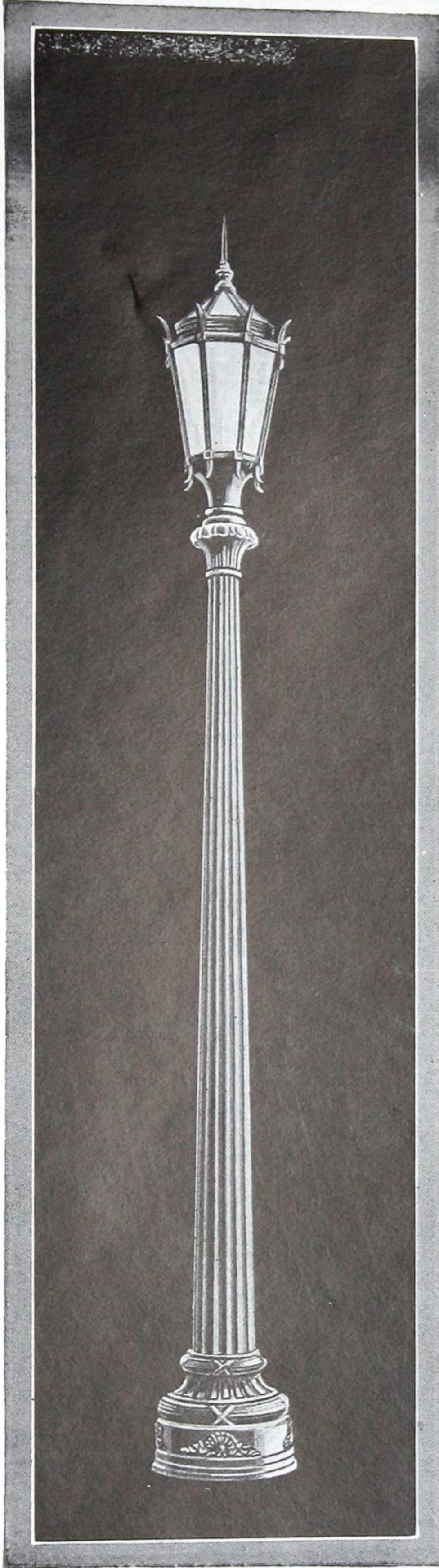
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

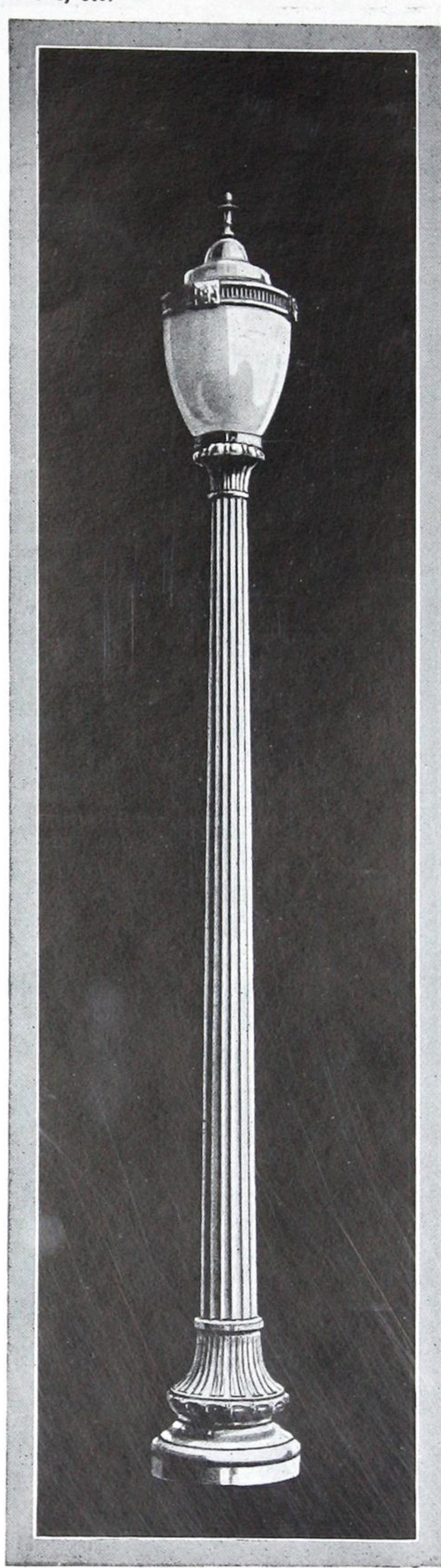
SECTION 7—UNION METAL ENTRANCE STANDARDS
Taller Types for Private Estates, College Grounds, Filling Stations, etc.



Design E-1122 with G. E. Form 8 Novalux Unit, F Casing—13" Globe. Shaft tapers from 6½" to 4".



Design E-1572 with Union Metal Capital and Form 18 Novalux Lantern. 18" small size "S" Casing.



Design E-874 with G. E. Form 8 Novalux Unit No. 3 Casing—14" Globe.

SPECIFICATIONS

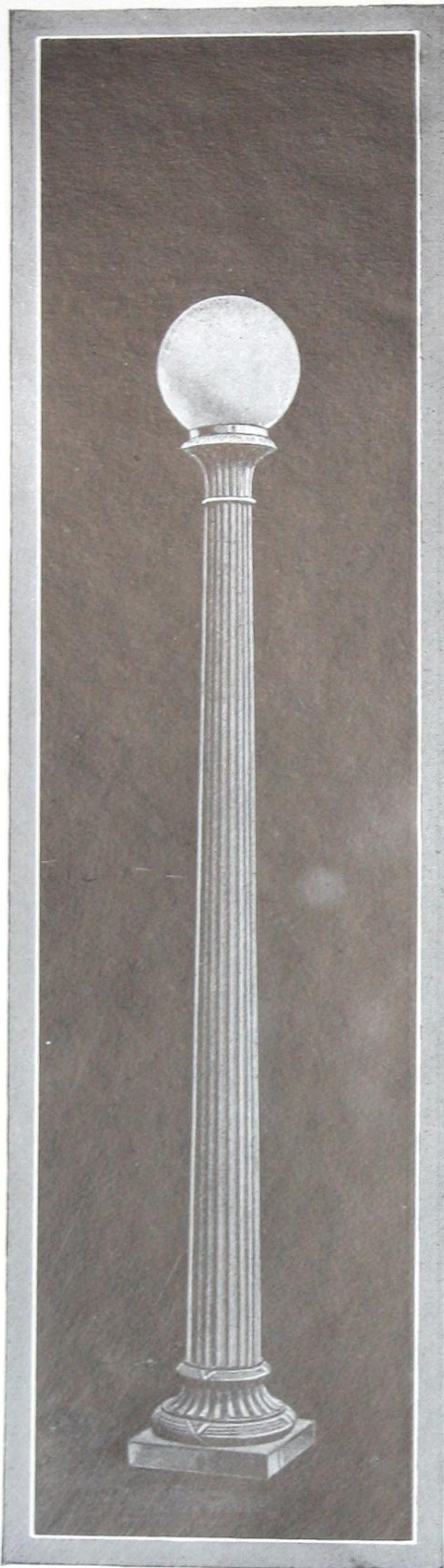
Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Style and Size of Lighting Units	Size of Door Opening Extreme Measurements	Standard Height to Light Source	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top				
E-1122	1	14 in. Oct.	6½ in.	4 in.	--G. E. Form 8—13 in. Globe--	4 "x9 "x4"	9 ft. 9 in.	100
E-1572	1	17½ in. dia.	8 in.	4 in.	-G. E. Form 18 Small Lantern-	4½"x6½"x4"	11 ft. 8 in.	175
E- 874	1	17 in. dia.	6½ in.	4 in.	---G. E. Form 8—14" Globe---	5"x9 "x6½"	10 ft. 9 in.	155

ADDITIONAL SPECIFICATIONS

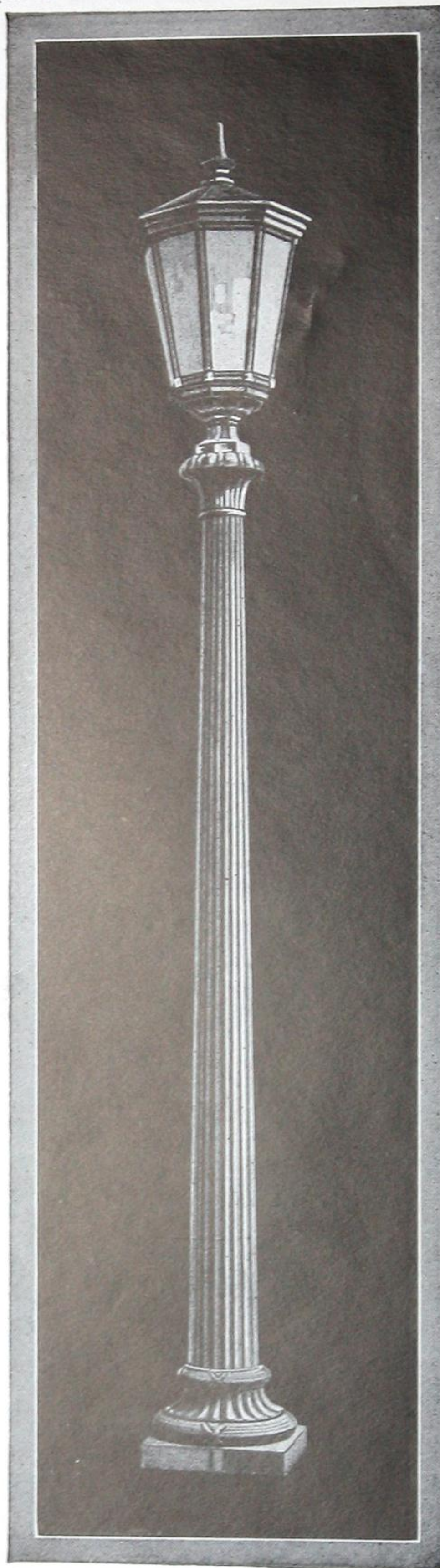
Specified heights can be varied to suit conditions without materially affecting the cost.
Many different designs may be created by interchanging bases, shafts, and capitals of Union Metal Lamp Standards.
Standards are given shop coat of green metallastic paint, both inside and outside, before leaving the factory and should be given finishing coat after erection. Following special finishes are furnished at extra charge when specified. Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.
All designs can be furnished with copper jacketed shafts at an extra charge. Prices quoted upon application.
Always specify type of socket that will be used.
Anchor rods furnished with all standards to anchor them to foundation.

UNION METAL EXTERIOR LIGHTING FIXTURES

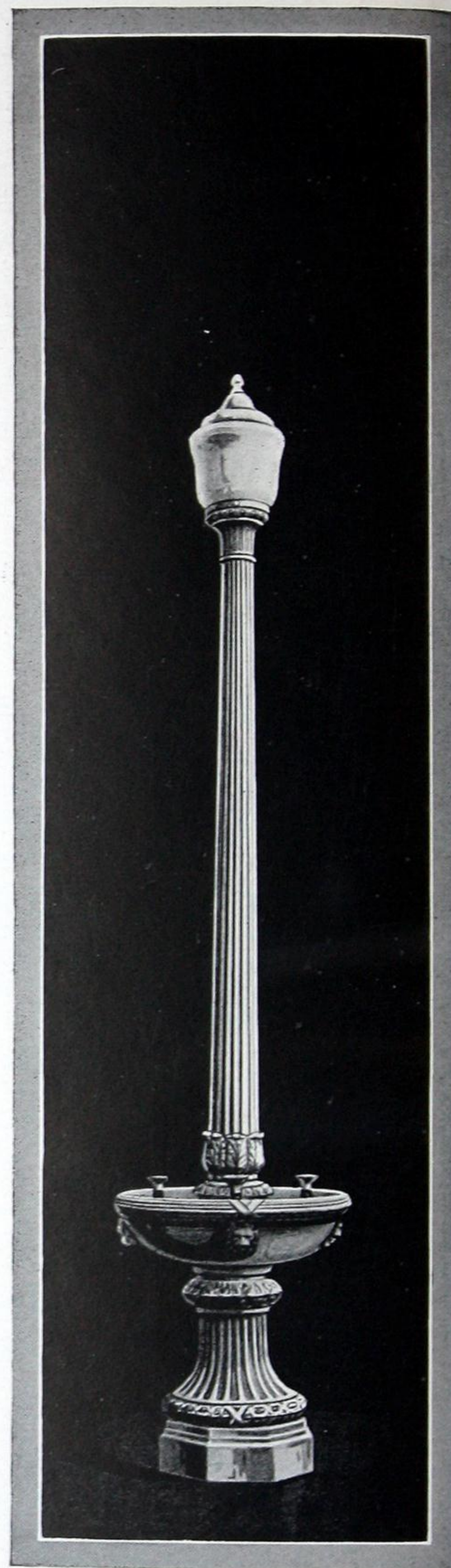
SECTION 7—UNION METAL ENTRANCE STANDARDS Taller Types for Private Estates, College Grounds, Filling Stations, etc.



Design No. E-717 Residential and Parkway Standard with Union Metal capital and ball globe. Shaft tapers from 8" to 5".



Design E-1695 with Union Metal Capital drilled to receive G. E. Form 23-A Novalux Lantern small size. Shaft tapers from 8" to 4".



Design E-1036 Drinking Fountain Standard with G. E. Form 8 Novalux Unit and Union Metal 33" drinking fountain.

SPECIFICATIONS

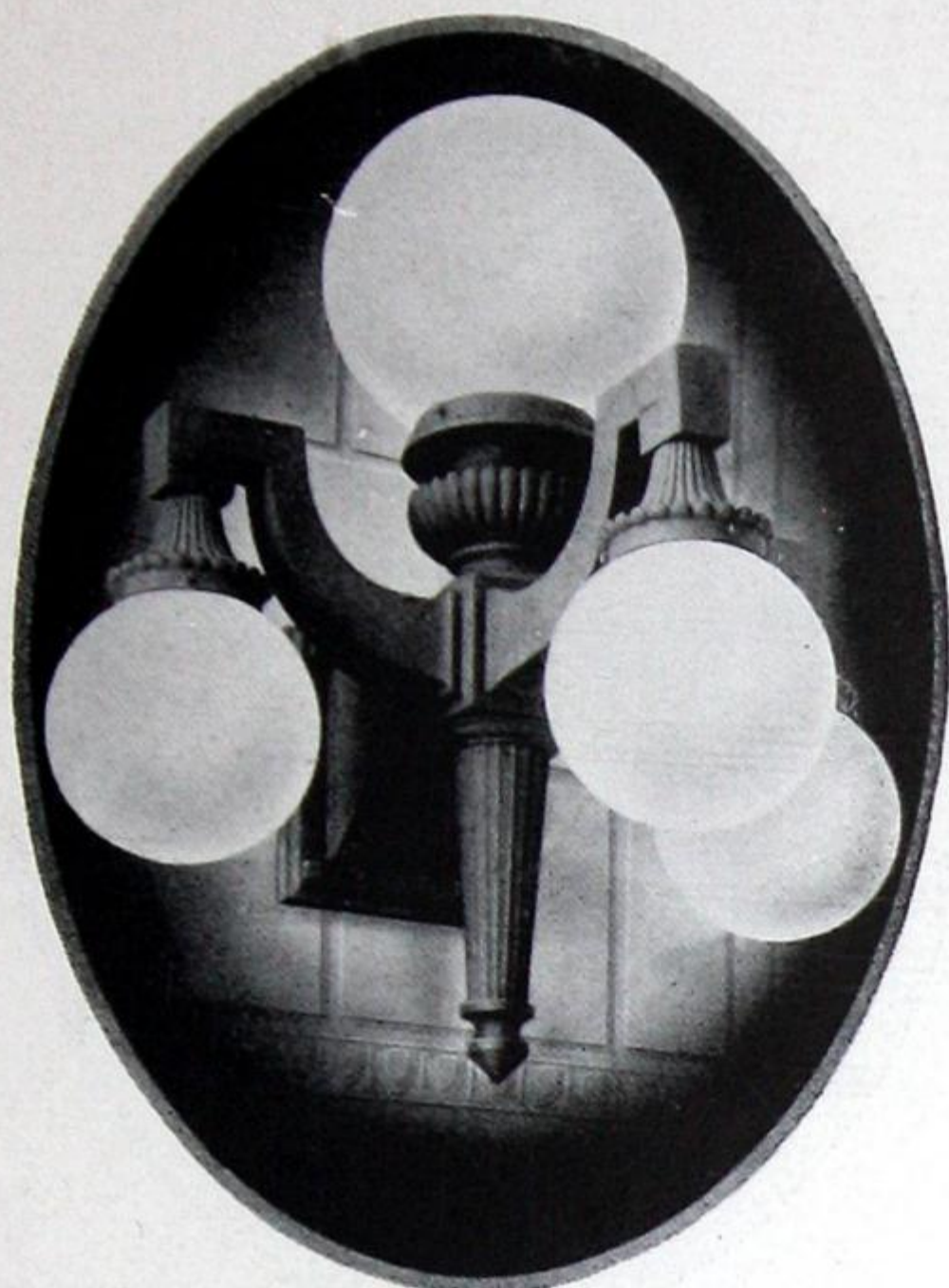
Design	No. of Lights	Size of Base at Ground Line	Diameter of Fluted Shaft		Spread Center to Center of Globes	Size of Globes and Fitters		Size of Door Opening Extreme Measurements	Standard Height to Source of Light	Approx. Ship. Wt., Lbs. Std. Only
			Bottom	Top		Side Globes	Central Globe			
E- 717	1	16 in. sq.	8 in.	5 in.	-----	-----	16x8 in	4½"x6½"x3"	10 ft. 1 in.	170
E-1695	1	16 in. sq.	8 in.	4 in.	-----	-----	-----	4½"x6½"x3"	10 ft. 6 in.	170
E-1036	1	21 in. Oct.	6½ in.	4 in.	-----	-----	-----	4¾"x8 "x9"	11 ft. 7 in.	585

ADDITIONAL SPECIFICATIONS

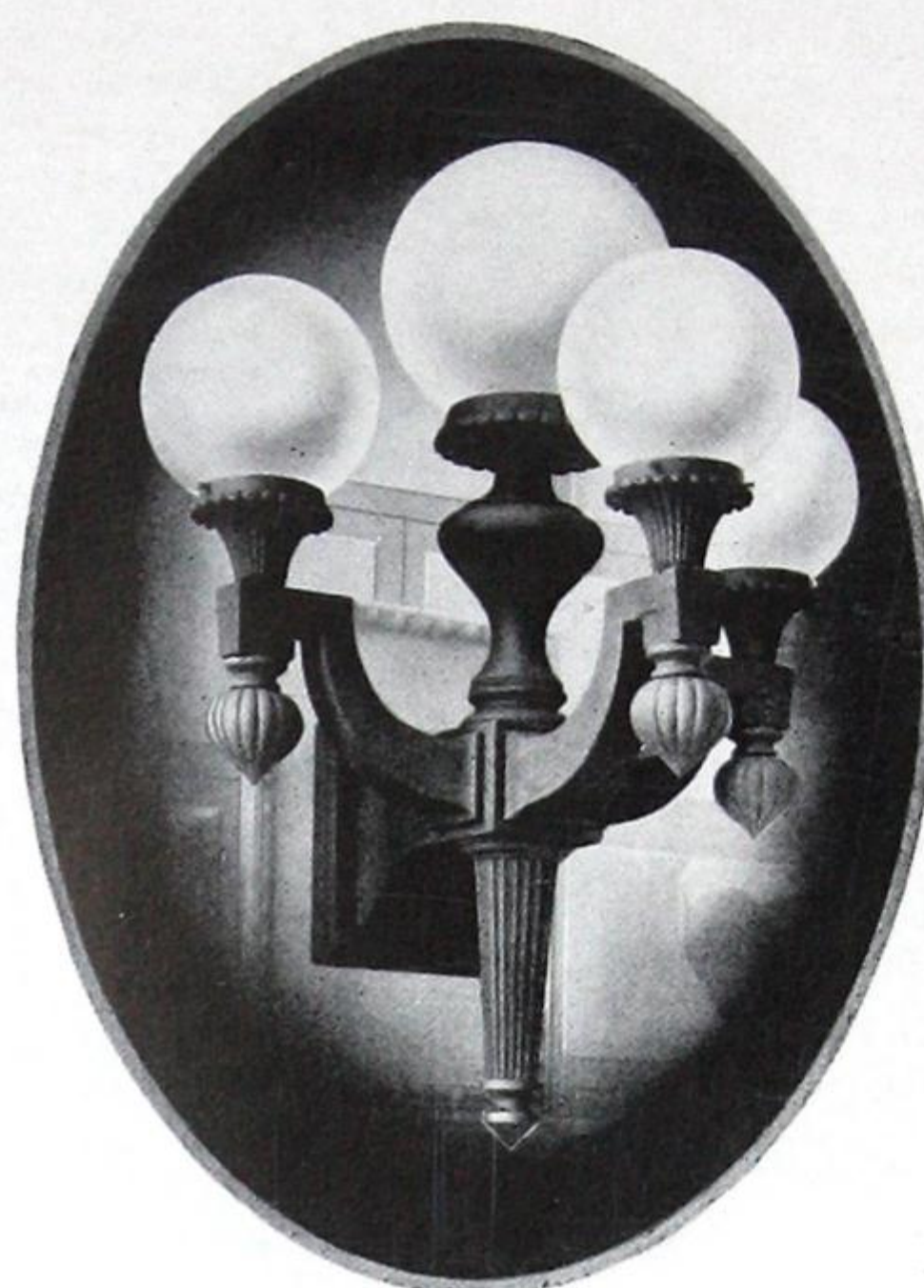
Specified heights can be varied to suit conditions without materially affecting the cost. Many different designs may be created by interchanging bases, shafts, and capitals of Union Metal Lamp Standards. Standards are given shop coat of green metallastic paint, both inside and outside, before leaving the factory and should be given finishing coat after erection. Following special finishes are furnished at extra charge when specified. Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze. All designs can be furnished with copper jacketed shafts at an extra charge. Prices quoted upon application. Always specify type of socket that will be used. Anchor rods furnished with all standards to anchor them to foundation.

UNION METAL EXTERIOR LIGHTING FIXTURES

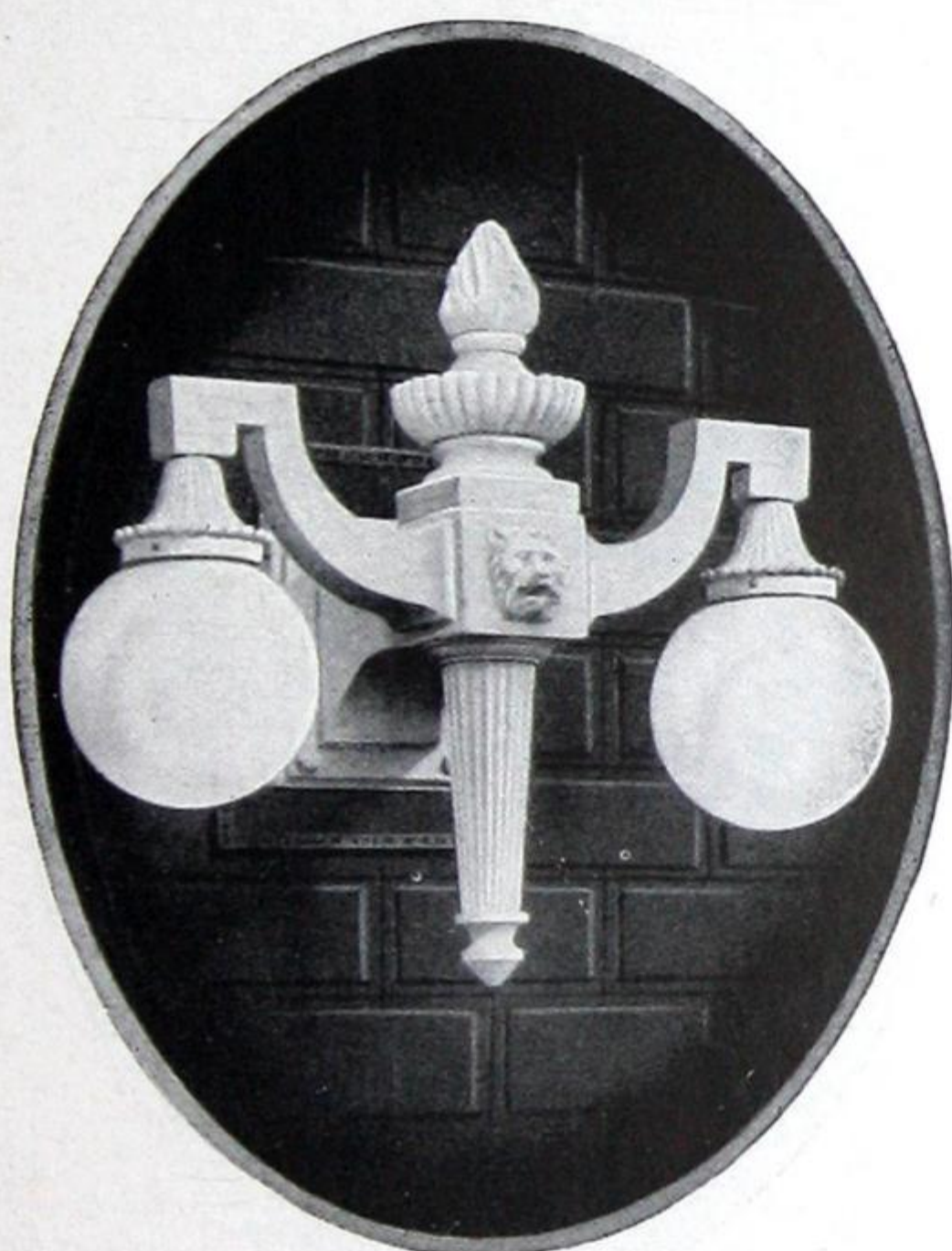
SECTION 8—UNION METAL BRACKETS



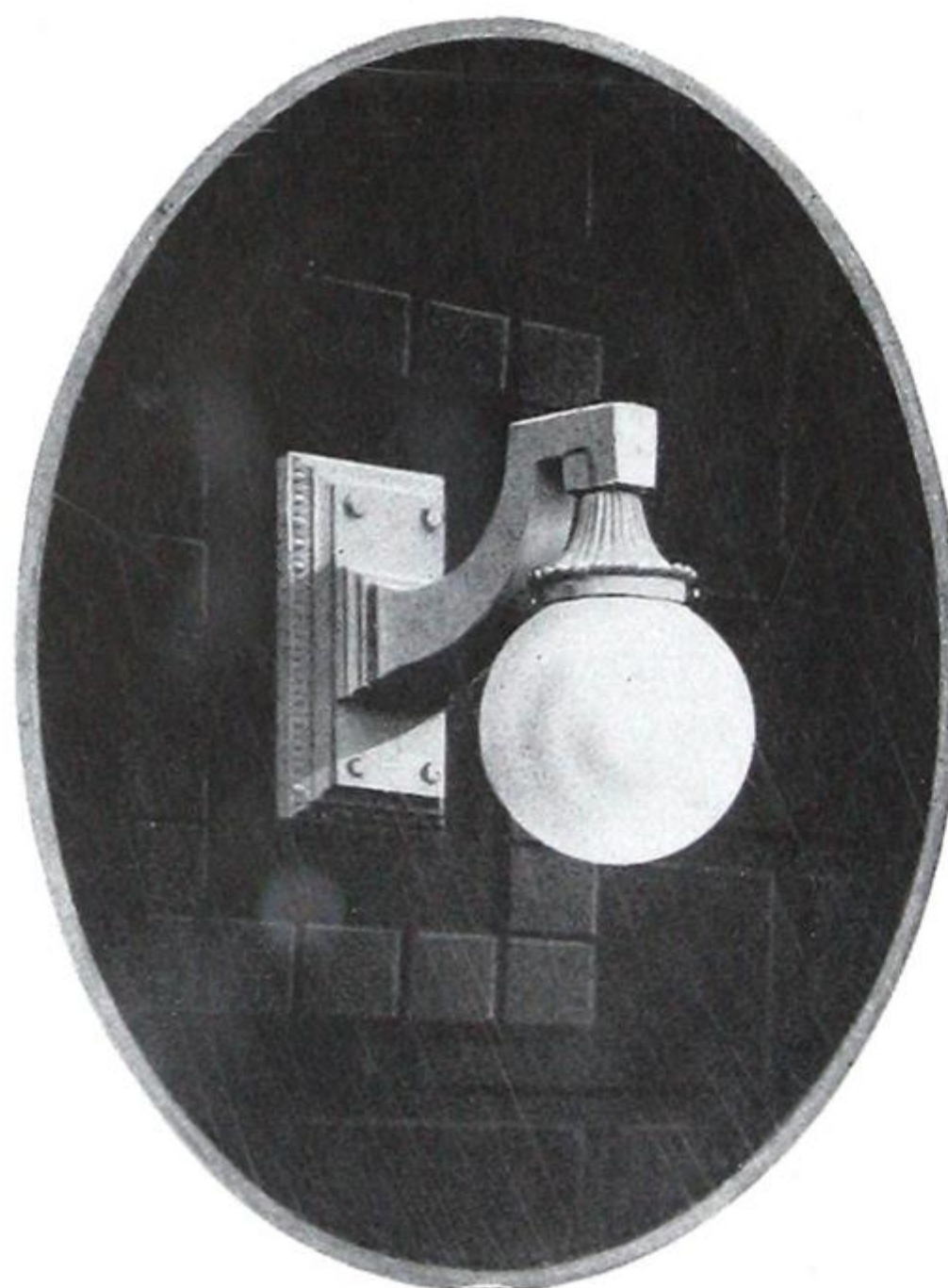
Design No. 76—4 Lights
Design No. 820—3 Lights
(Front Light Omitted)



Design No. 96—4 Lights
Design No. 821—3 Lights
(Front Light Omitted)



Design No. 78



Design No. 584

SPECIFICATIONS

Design	No. of Lights	Size of Wall Plate	Spread Center to Center of Globes	Size of Globes and Fitters		Approx. Shipping Weight, Lbs. Bracket Only
				Side Globe	Central Globe	
76	4	11x14 in.	31½ in.	12x6 in.	16x8 in.	175
820	3	11x14 in.	31½ in.	12x6 in.	16x8 in.	150
96	4	11x14 in.	31½ in.	12x6 in.	16x8 in.	205
821	3	11x14 in.	31½ in.	12x6 in.	16x8 in.	170
78	2	11x14 in.	31½ in.	12x6 in.	16x8 in.	160
584	1	10x17 in.	15 in. (From Wall to Center of Globe)	-----	12x6 in.	50

ADDITIONAL SPECIFICATIONS

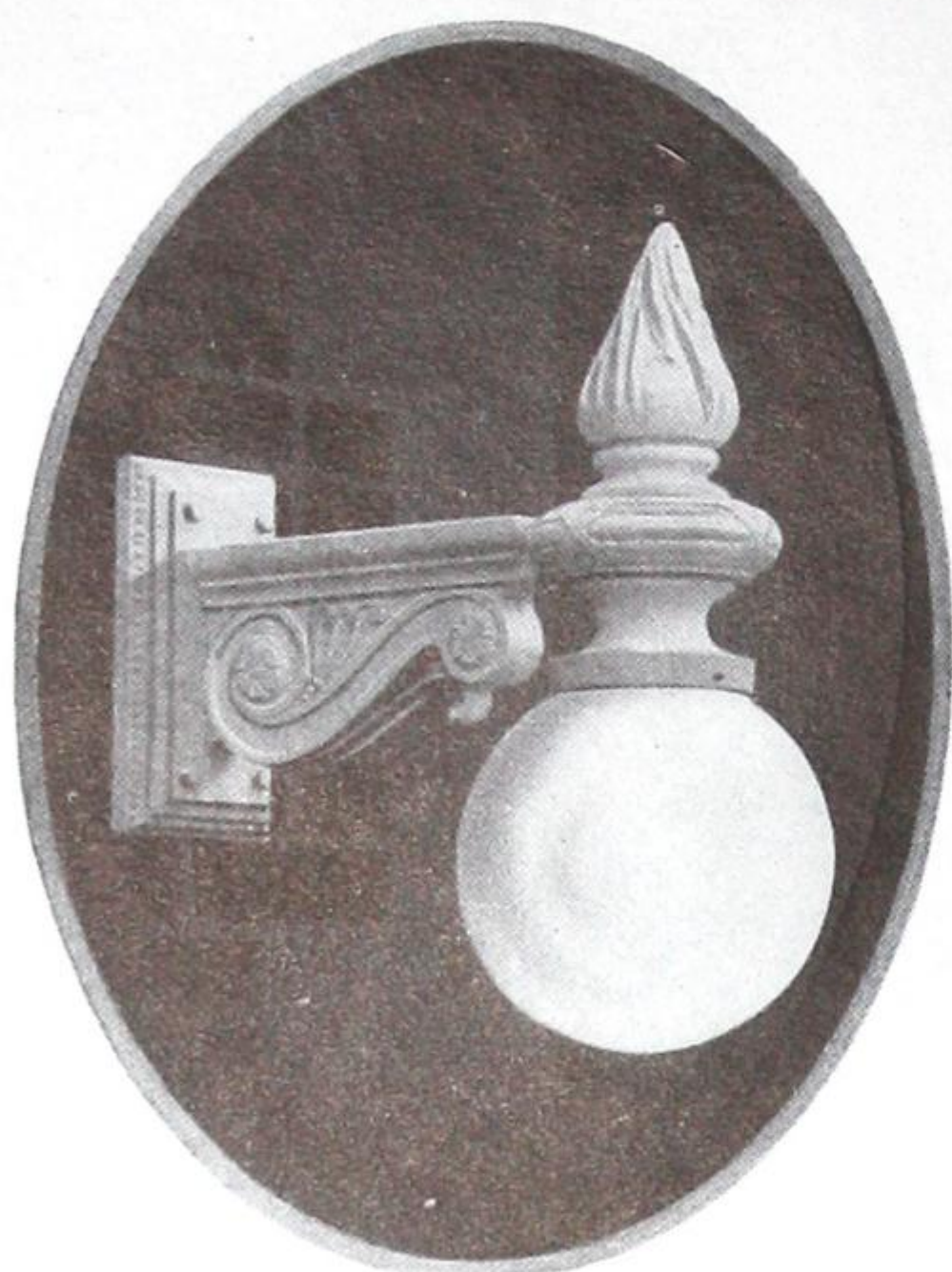
Brackets are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

Always specify type of socket that will be used.
Expansion bolts will be furnished for attaching brackets to wall.

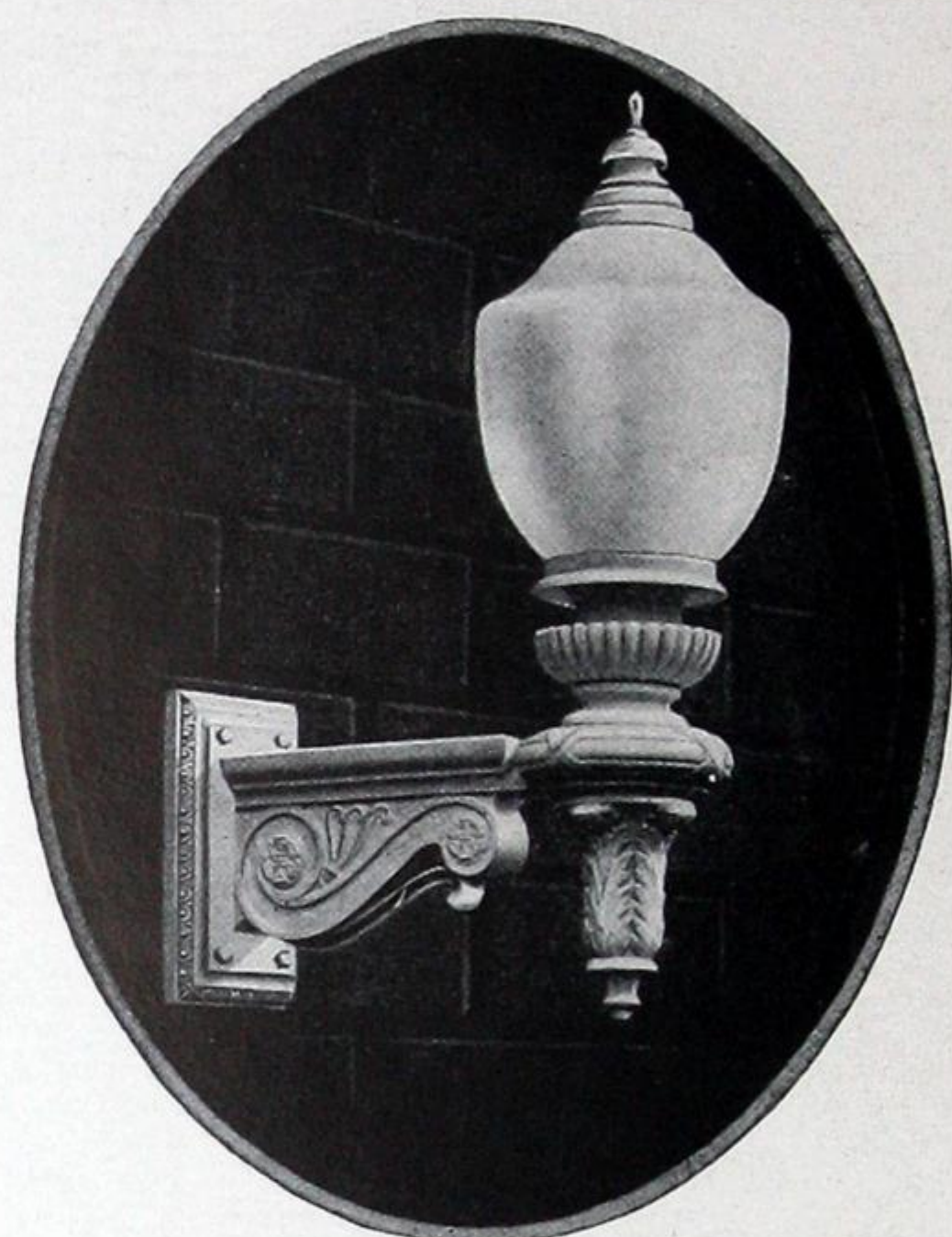
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

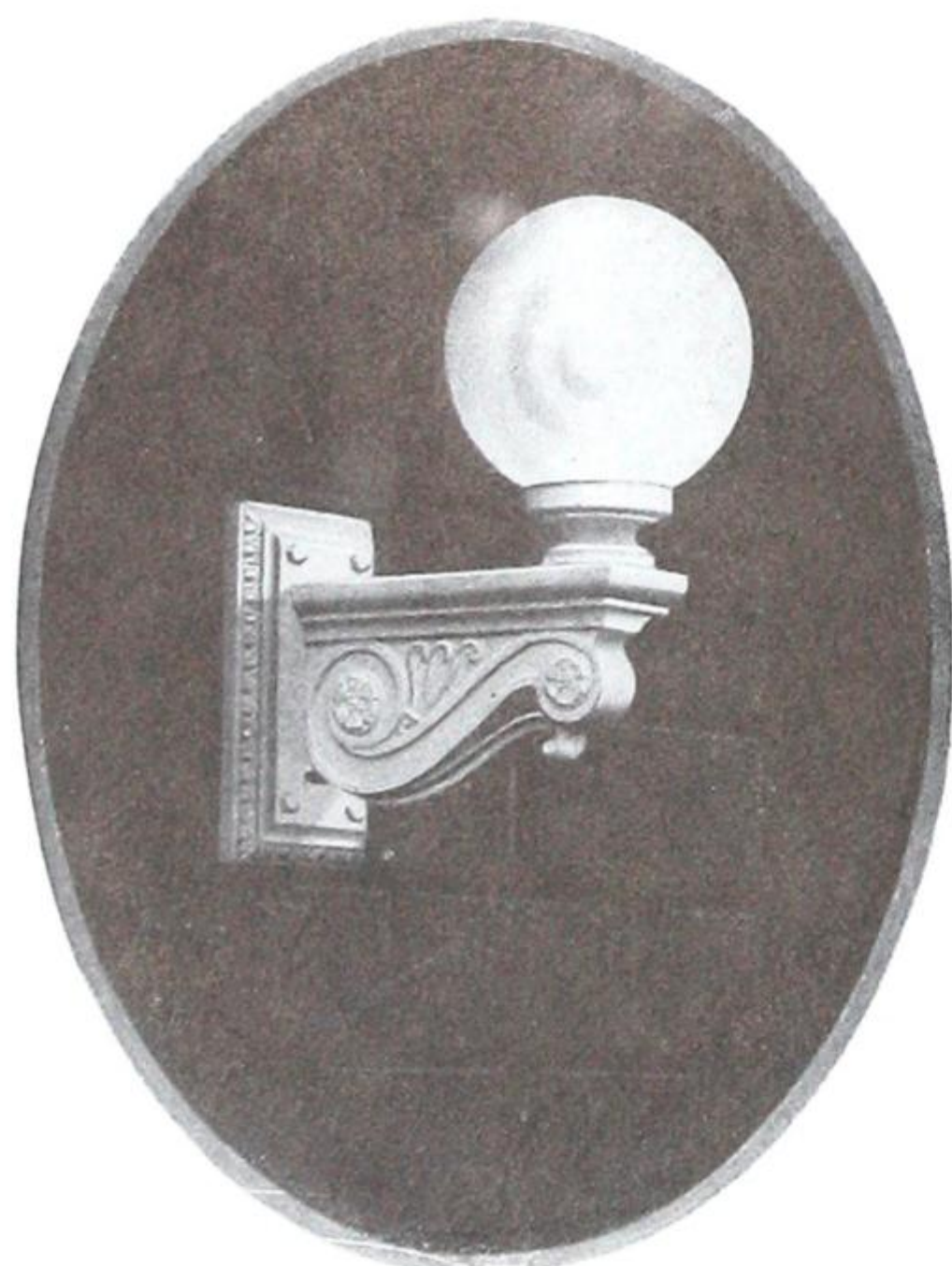
SECTION 8—UNION METAL BRACKETS



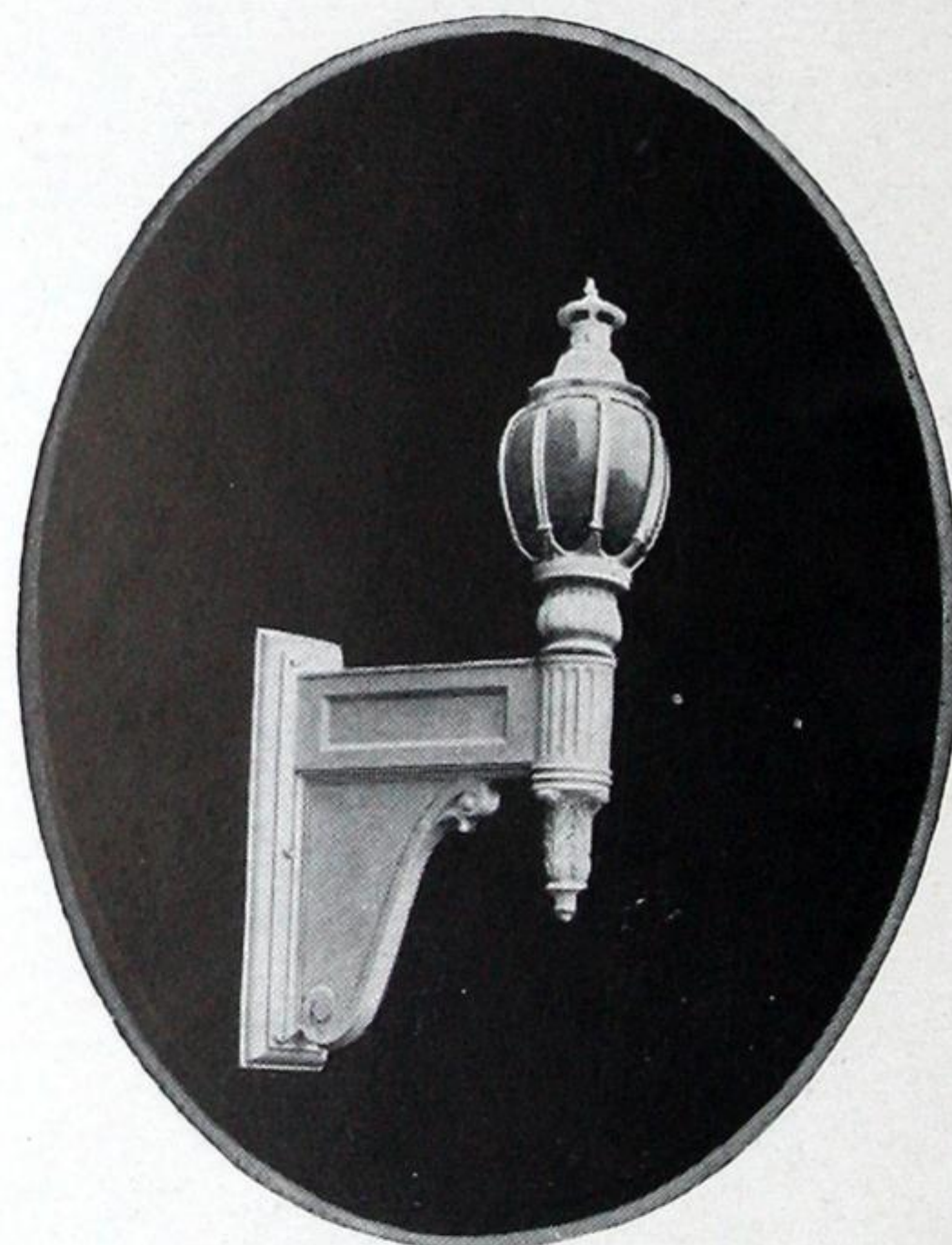
Design No. 775



Design No. 768



Design No. 769



Design No. 2078
With General Electric Form 9 Novalux
Unit with 8 Panel Globe.

SPECIFICATIONS

Design	No. of Lights	Size of Wall Plate	Spread From Wall to Center of Globes	Size of Globes and Fitters	Approx. Shipping Weight, Lbs. Bracket Only
775	1	10x17 in.	26 $\frac{3}{8}$ in.	16x8 in.	120
768	1	10x17 in.	26 $\frac{3}{8}$ in.	16x8 in.	130
769	1	10x17 in.	18 in.	14x6 in.	75
2078	1	12x39 in.	30 in.	G. E. Form 9 Novalux	240

ADDITIONAL SPECIFICATIONS

Brackets are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

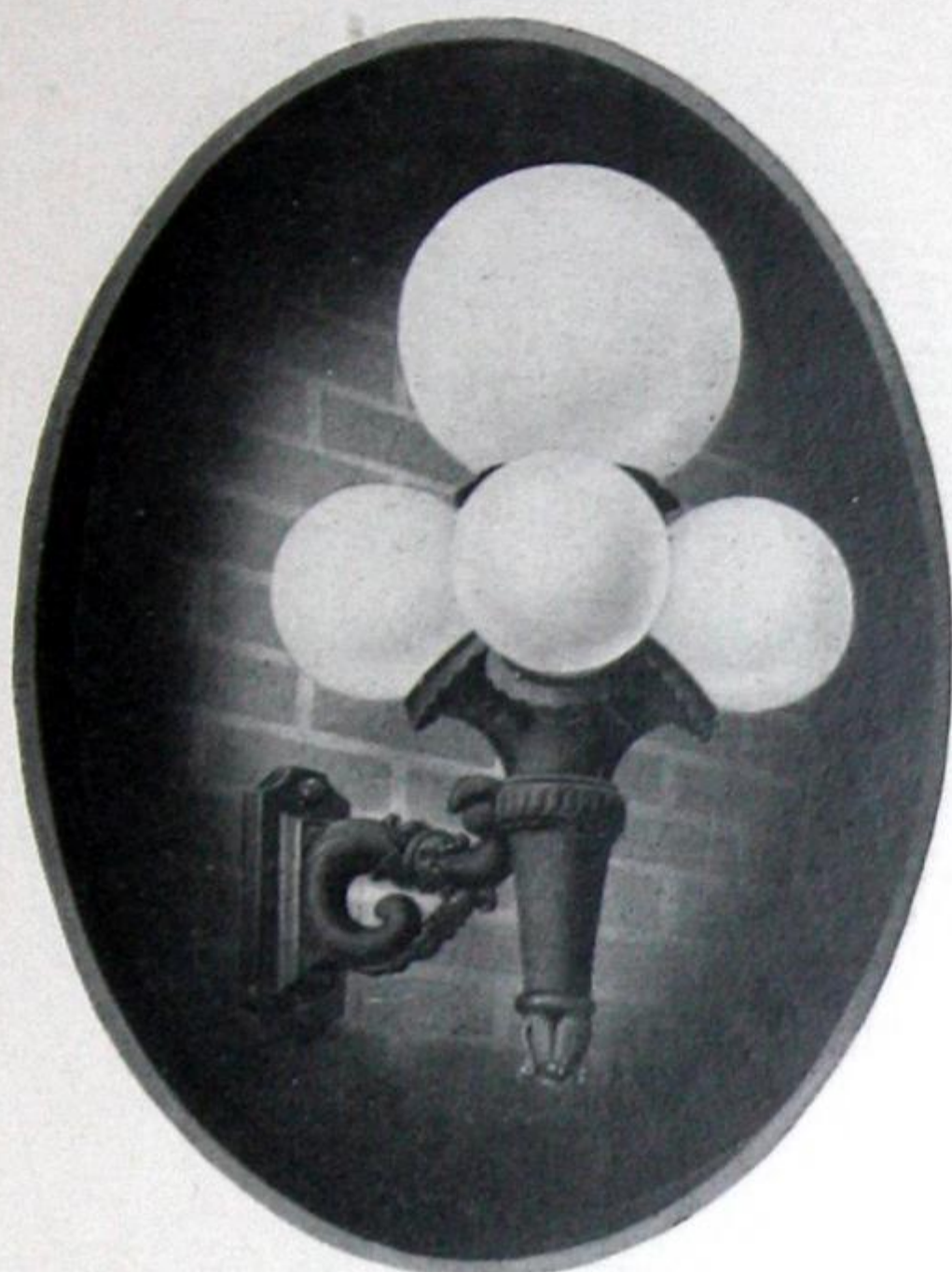
Always specify type of socket that will be used.

Expansion bolts will be furnished for attaching brackets to wall.

THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 8—UNION METAL BRACKETS



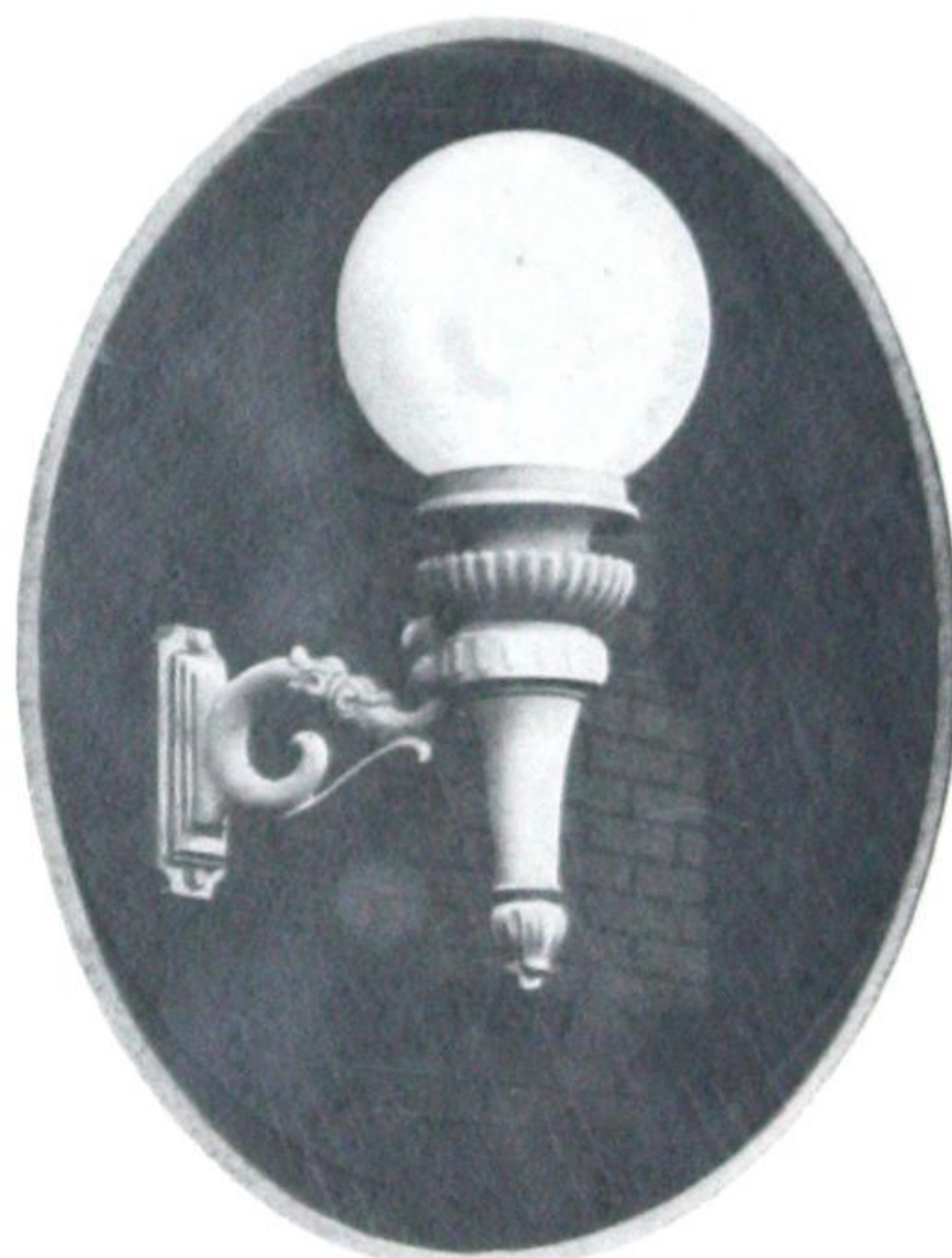
Design No. 1517



Design No. 367



Design No. 1119



Design No. 770

SPECIFICATIONS

Design	No. of Lights	Size of Wall Plate	Spread from Wall to Center of Central Globe	Size of Globes and Fitters		Approx. Shipping Weight, Lbs. Bracket Only
				Side Globe	Central Globe	
1517	5	5x12 in.	18 in.	10x5 in.	14x8 in.	85
367	5	5x26½ in.	3 ft. 6 in.	10x5 in.	14x8 in.	175
1119	1	5x12 in.	16 in.	-----	12x6 in.	40
770	1	5x12 in.	18 in.	-----	16x8 in.	65

ADDITIONAL SPECIFICATIONS

Brackets are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Any special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze. Always specify type of socket that will be used. Expansion bolts will be furnished for attaching brackets to wall.

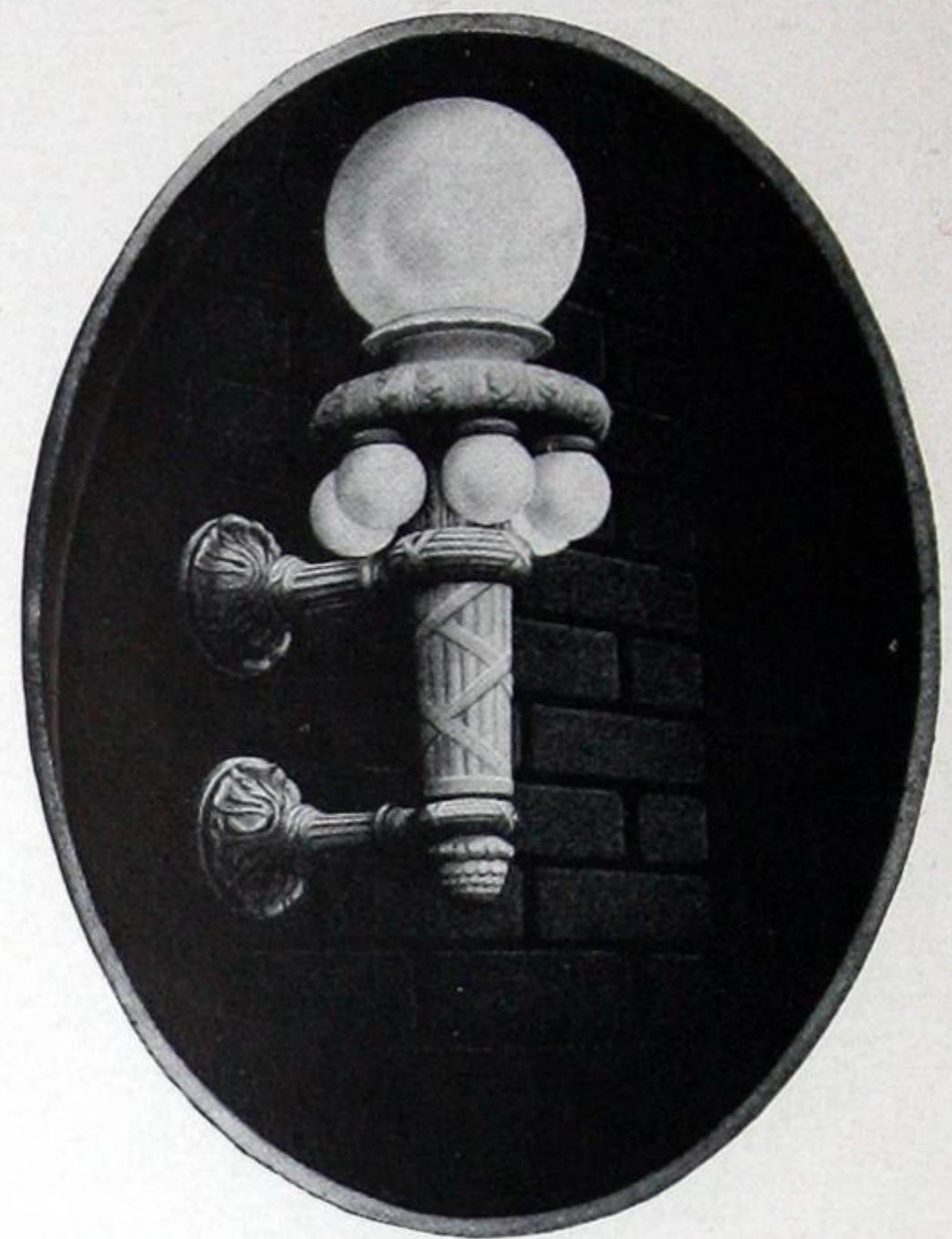
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

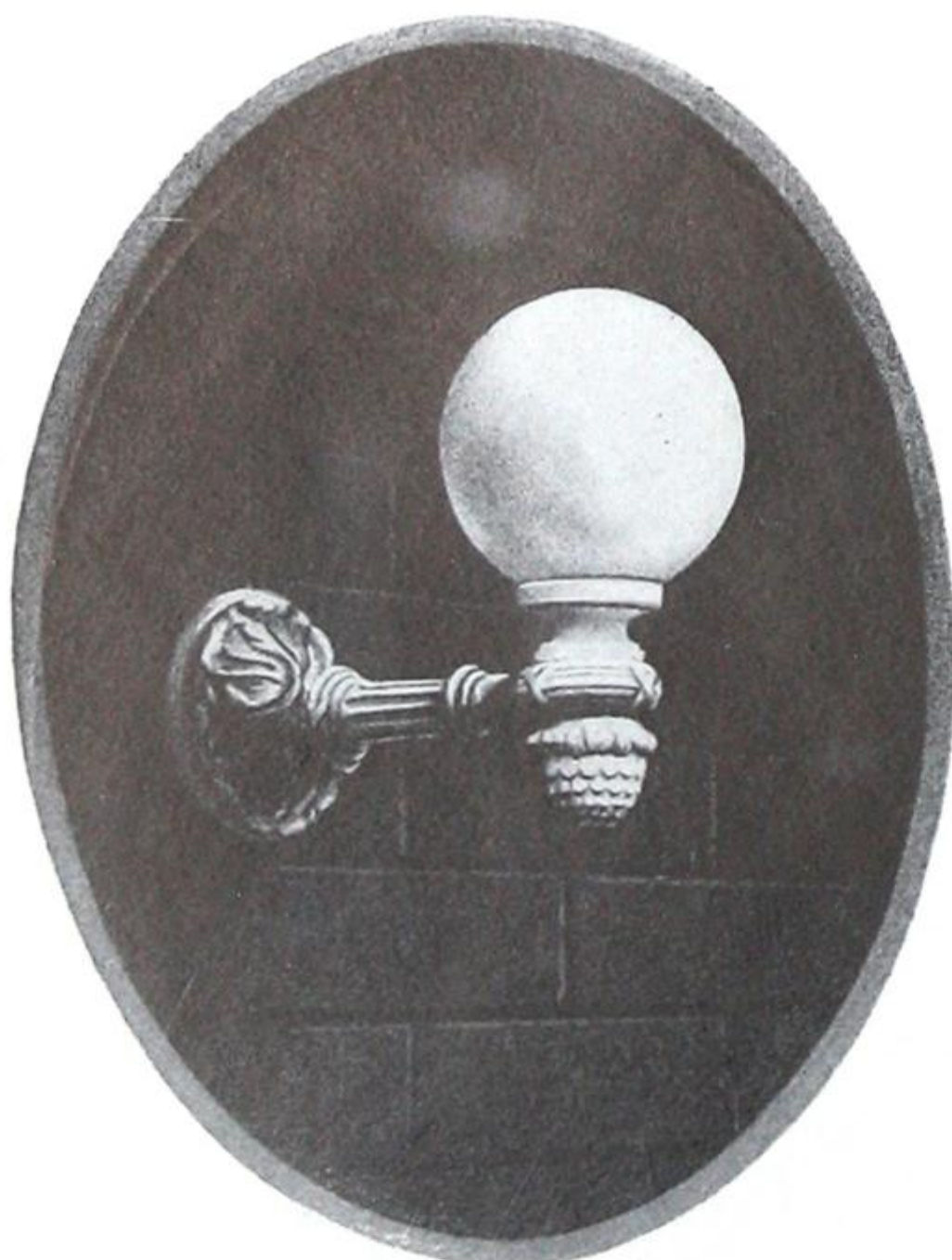
SECTION 8—UNION METAL BRACKETS



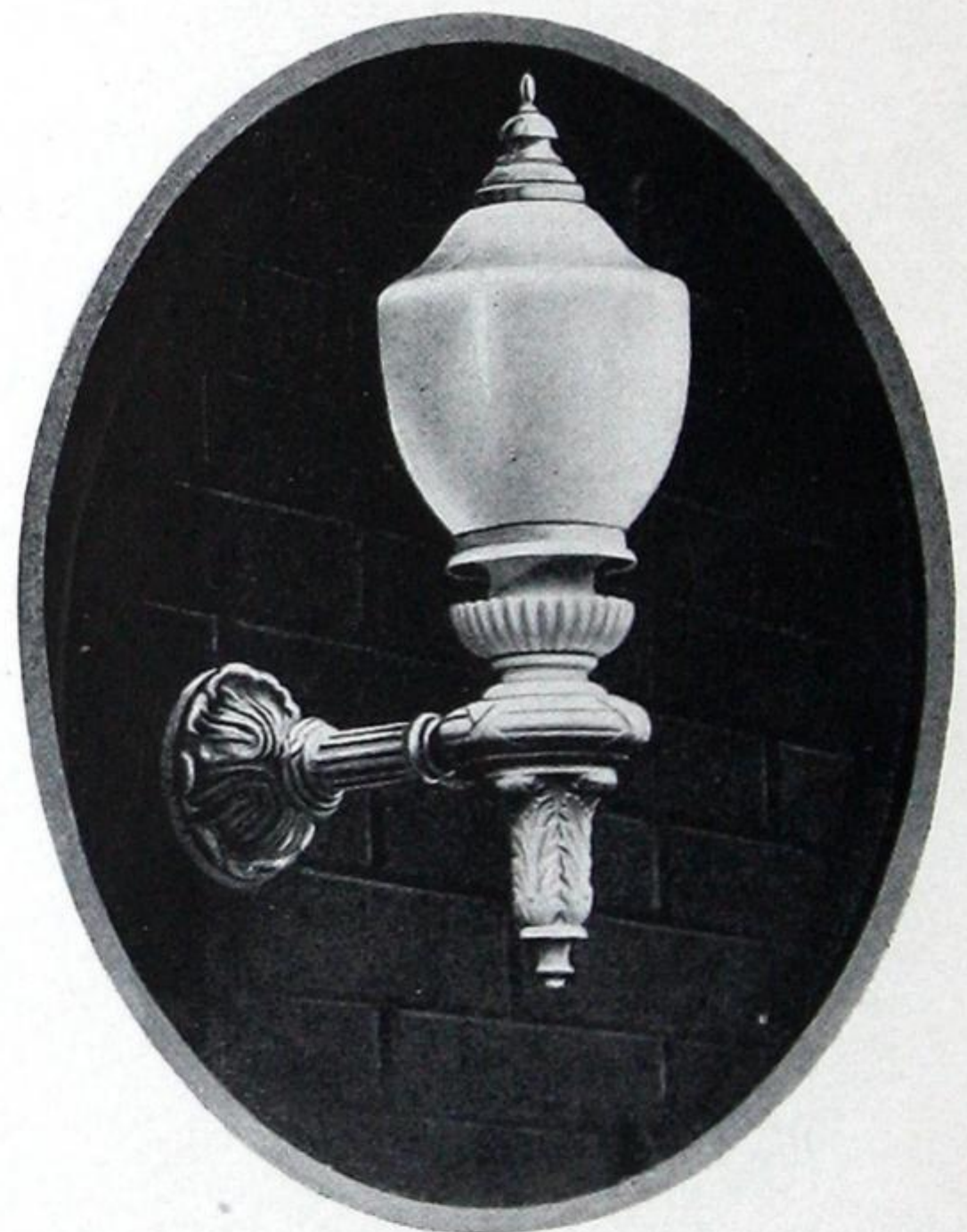
Design No. 2079
With General Electric Form 9 Novalux
with glass canopy.



Design No. 773



Design No. 776



Design No. 777

SPECIFICATIONS

Design	No. of Lights	Size of Wall Plate	Spread from Wall to Center of Globe	Size of Globes and Fitters		Approx. Shipping Weight, Lbs. Bracket Only
				Side Globe	Central Globe	
2079	1	Two Plates 12 in. dia. 31 in. overall	17 in.	-----	G. E. Form 9 Novalux	140
773	7	Two Plates 12 in. dia. 31 in. overall	17 in.	6x3¼ in.	18x10 in.	285
776	1	12 in. dia.	17 in.	-----	14x6 in.	55
777	1	12 in. dia.	17 in.	-----	16x8 in.	90

ADDITIONAL SPECIFICATIONS

Brackets are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

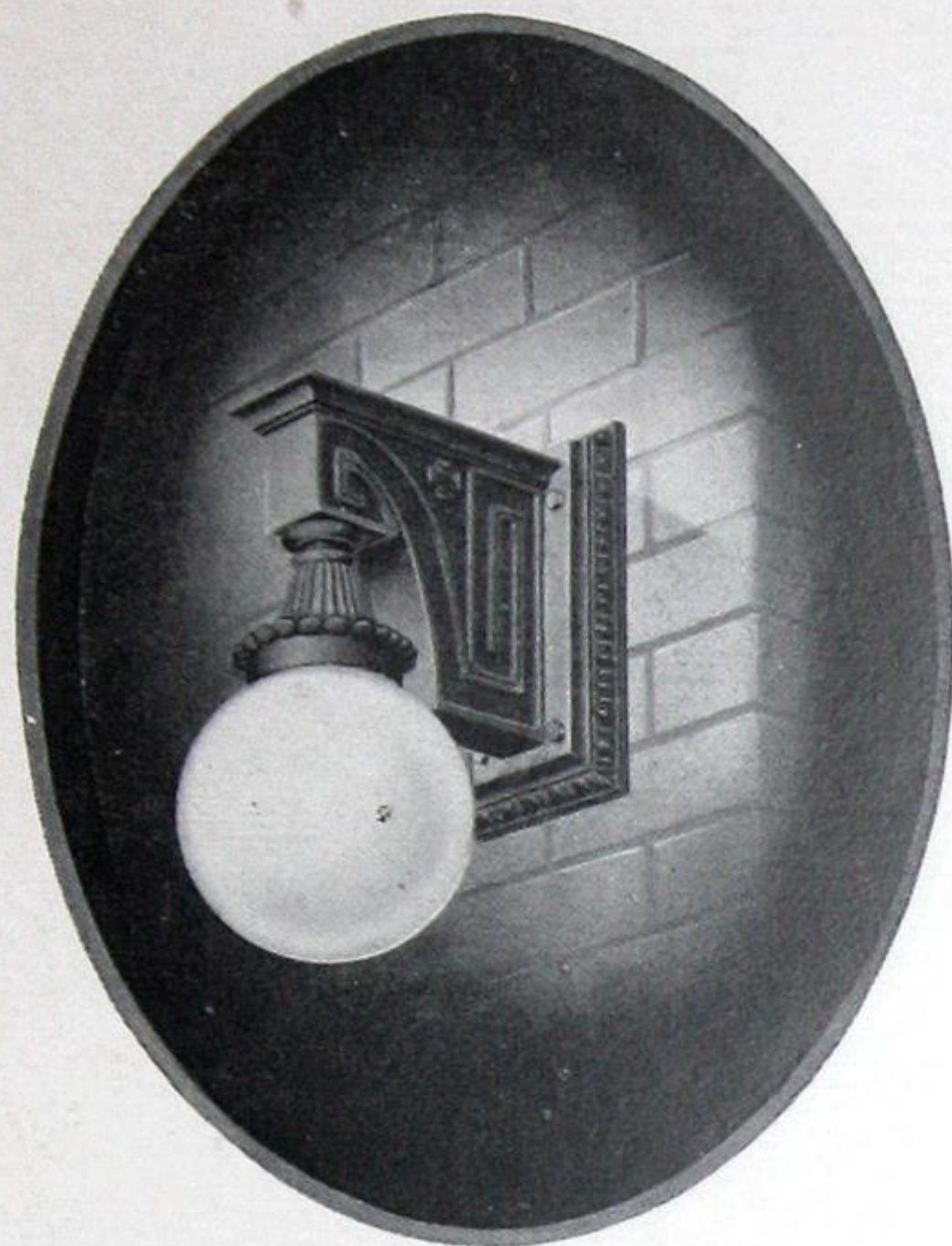
Always specify type of socket that will be used.

Expansion bolts will be furnished for attaching brackets to wall.

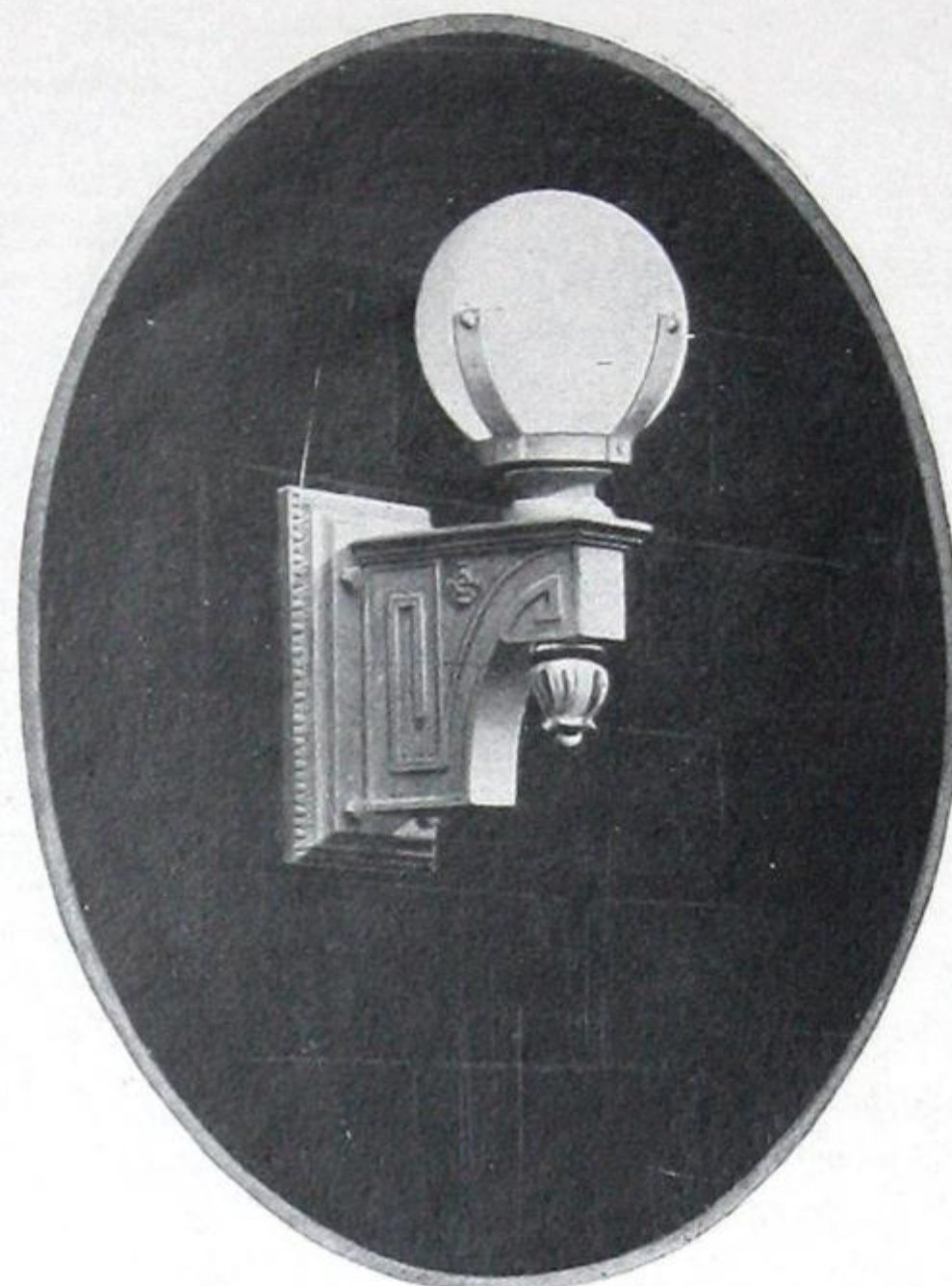
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

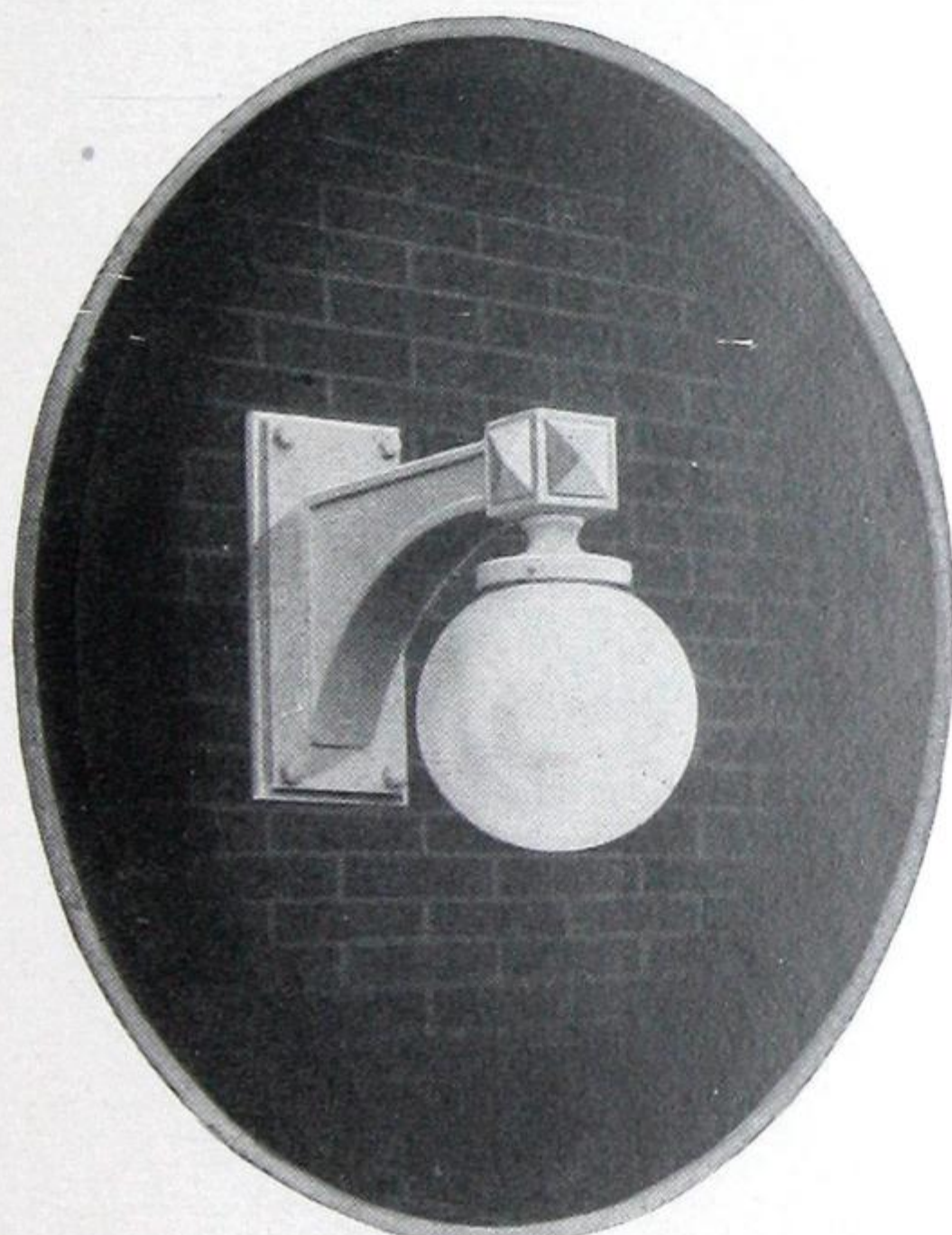
SECTION 8—UNION METAL BRACKETS



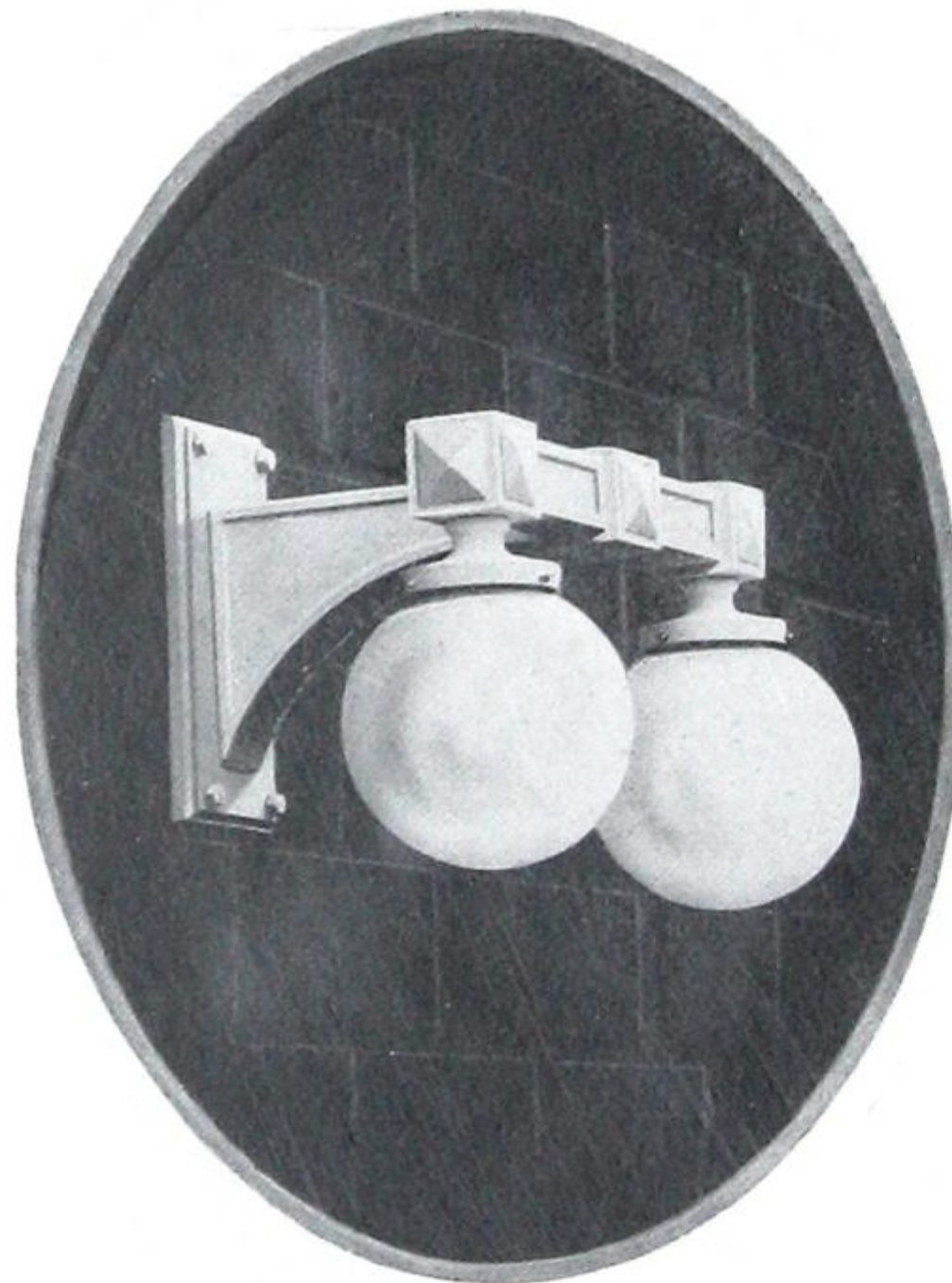
Design No. 1518



Design No. 764



Design No. 616



Design No. 1520

SPECIFICATIONS

Design	No. of Lights	Size of Wall Plate	Spread from Wall to Center of Globe	Spread Center to Center of Globes	Size of Globes	Approximate Shipping Weight Lbs. Bracket Only
1518	1	10x17 in.	12 in.	-----	12x6 in.	65
764	1	10x17 in.	12 in.	-----	12x6 in.	70
616	1	8x18 in.	19 in.	-----	12x6 in.	50
1520	2	8x18 in.	19 in.	24 in.	12x6 in.	85

ADDITIONAL SPECIFICATIONS

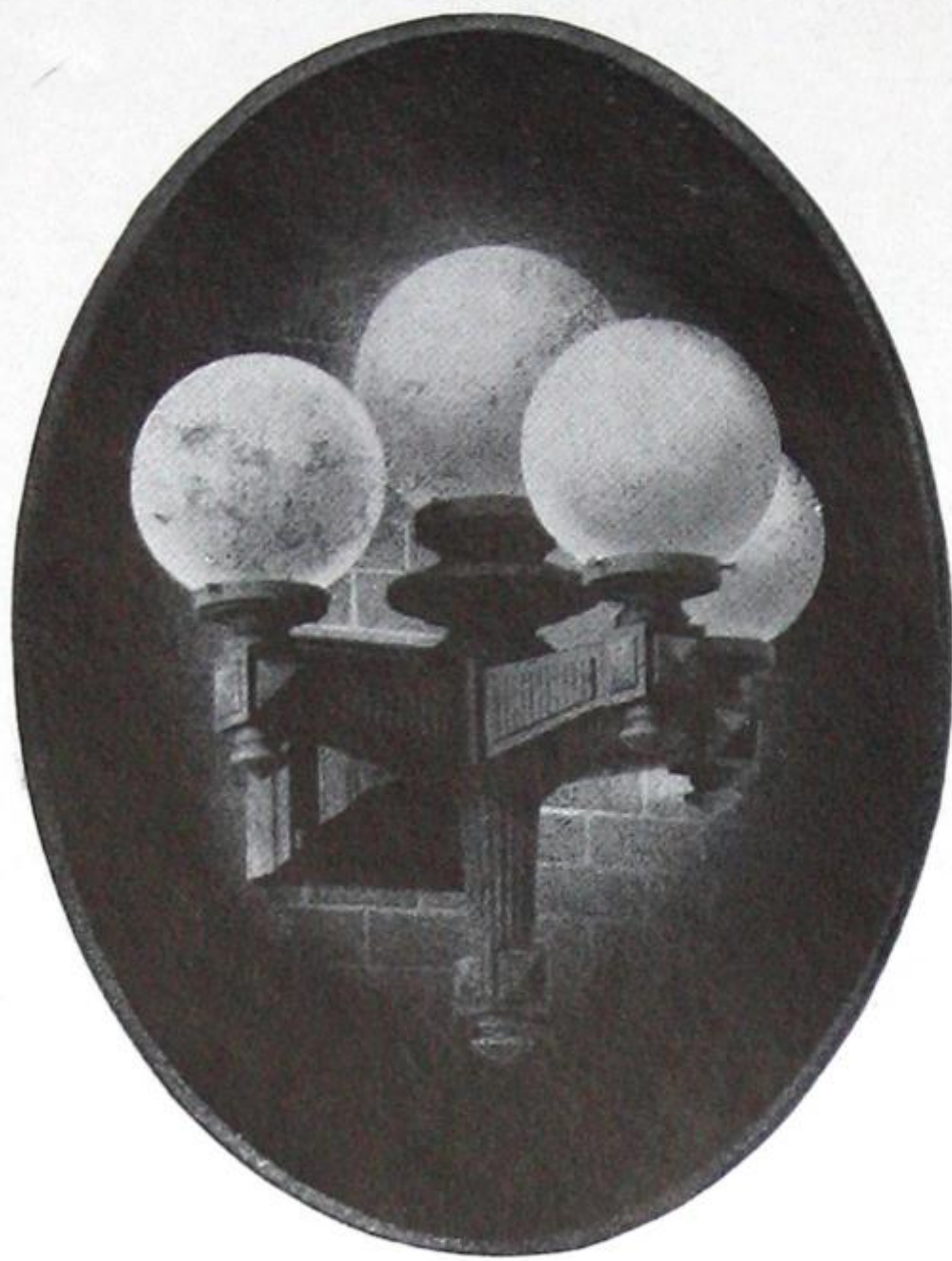
Brackets are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

Always specify type of socket that will be used.
Expansion bolts will be furnished for attaching brackets to wall.

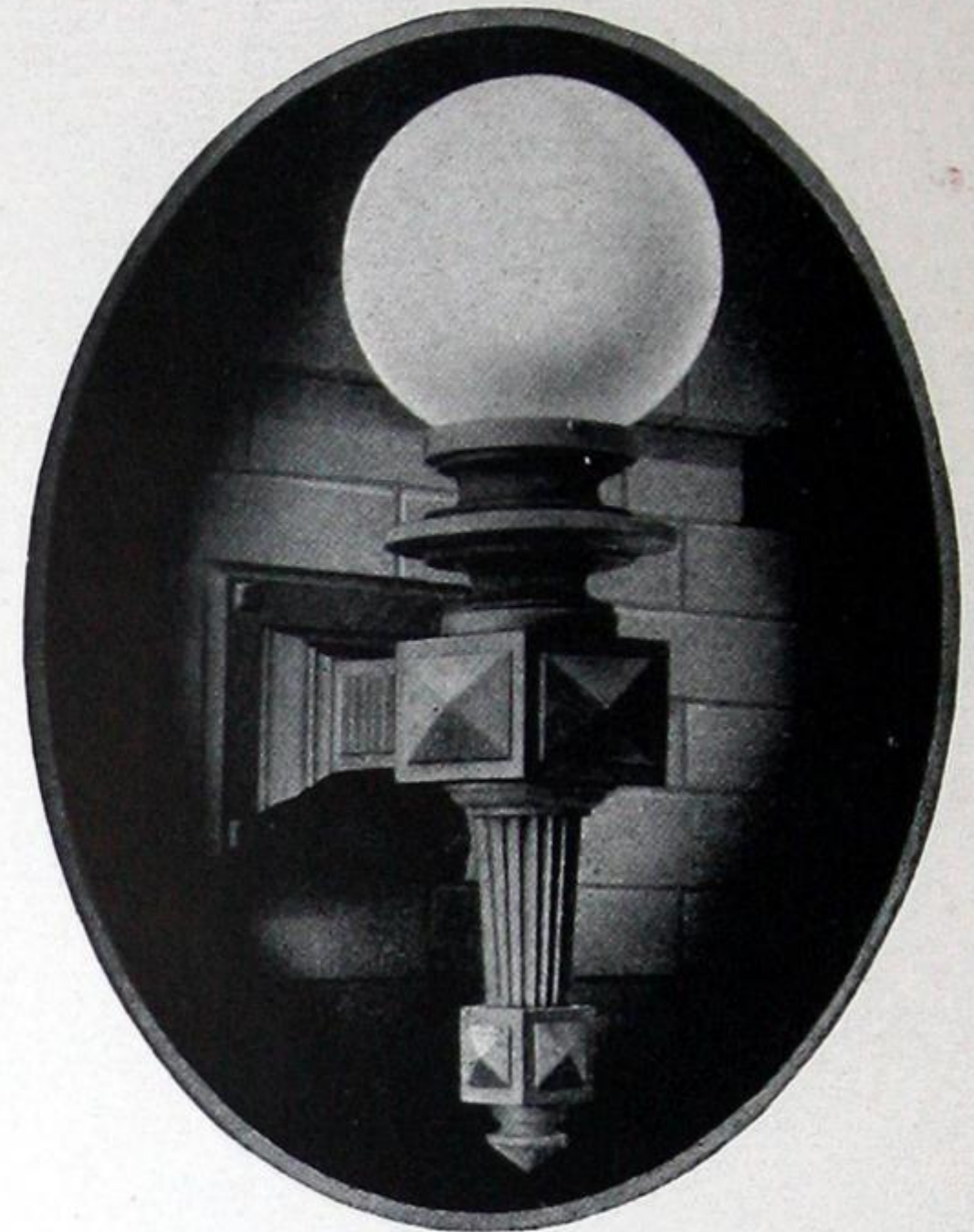
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

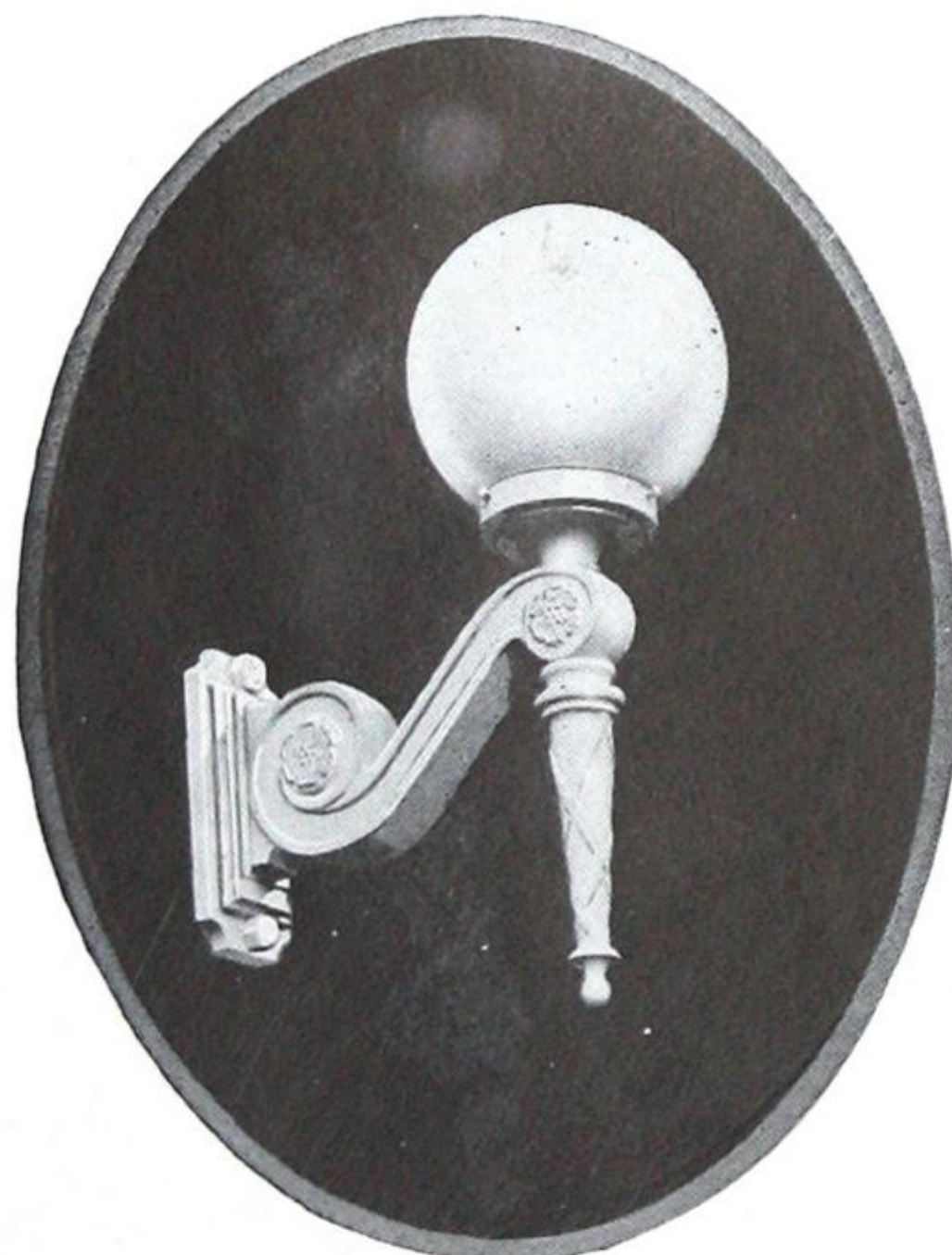
SECTION 8—UNION METAL BRACKETS



Design No. 156—4 Lights
Design No. 822—3 Lights
(Front Light Omitted)



Design No. 151



Design No. 997



*Design No. 1437

SPECIFICATIONS

Design	No. of Lights	Size of Wall Plate	Size of Base	Diameter of Fluted Shaft		Spread from Wall to Center of Central Globe	Size of Globes and Fitters		Approx. Shipping Wt., Lbs. Brkt. Only
				Bottom	Top		Side Globe	Central Globe	
156	4	10½x12 in.	-----	-----	-----	9¾ in.	10x5 in.	12x6 in.	135
822	3	10½x12 in.	-----	-----	-----	9¾ in.	10x5 in.	12x6 in.	120
151	1	10½x12 in.	-----	-----	-----	9¾ in.	-----	12x6 in.	95
997	1	12 x 5 in.	-----	-----	-----	16 in.	-----	12x6 in.	40
1437	1	12 in. dia.	-----	-----	-----	-----	-----	16x8 in.	40

*Height overall 3 feet 4 inches.

ADDITIONAL SPECIFICATIONS

These fixtures are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

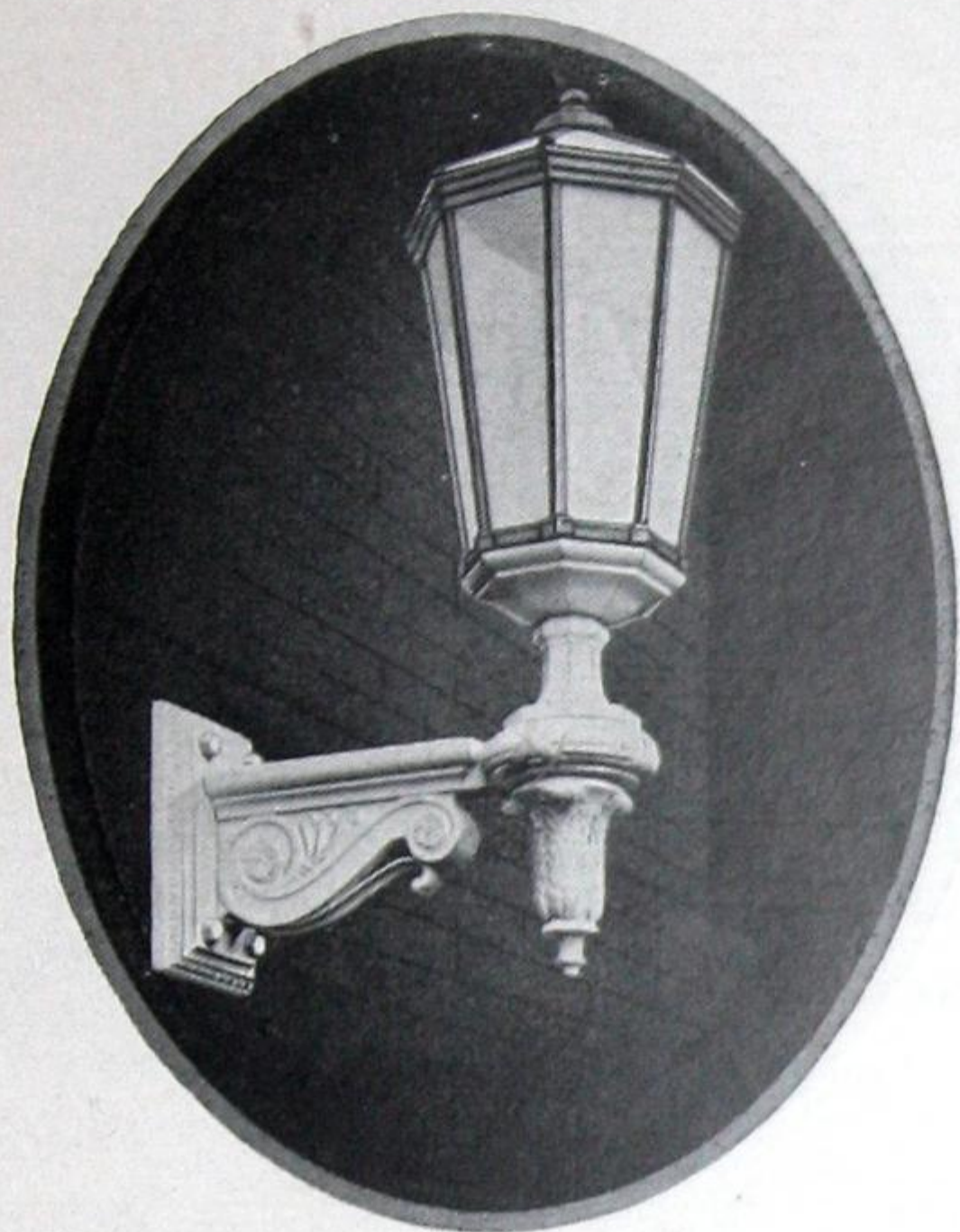
Always specify type of socket that will be used.

Expansion bolts will be furnished for attaching brackets to wall.

THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 8—UNION METAL BRACKETS



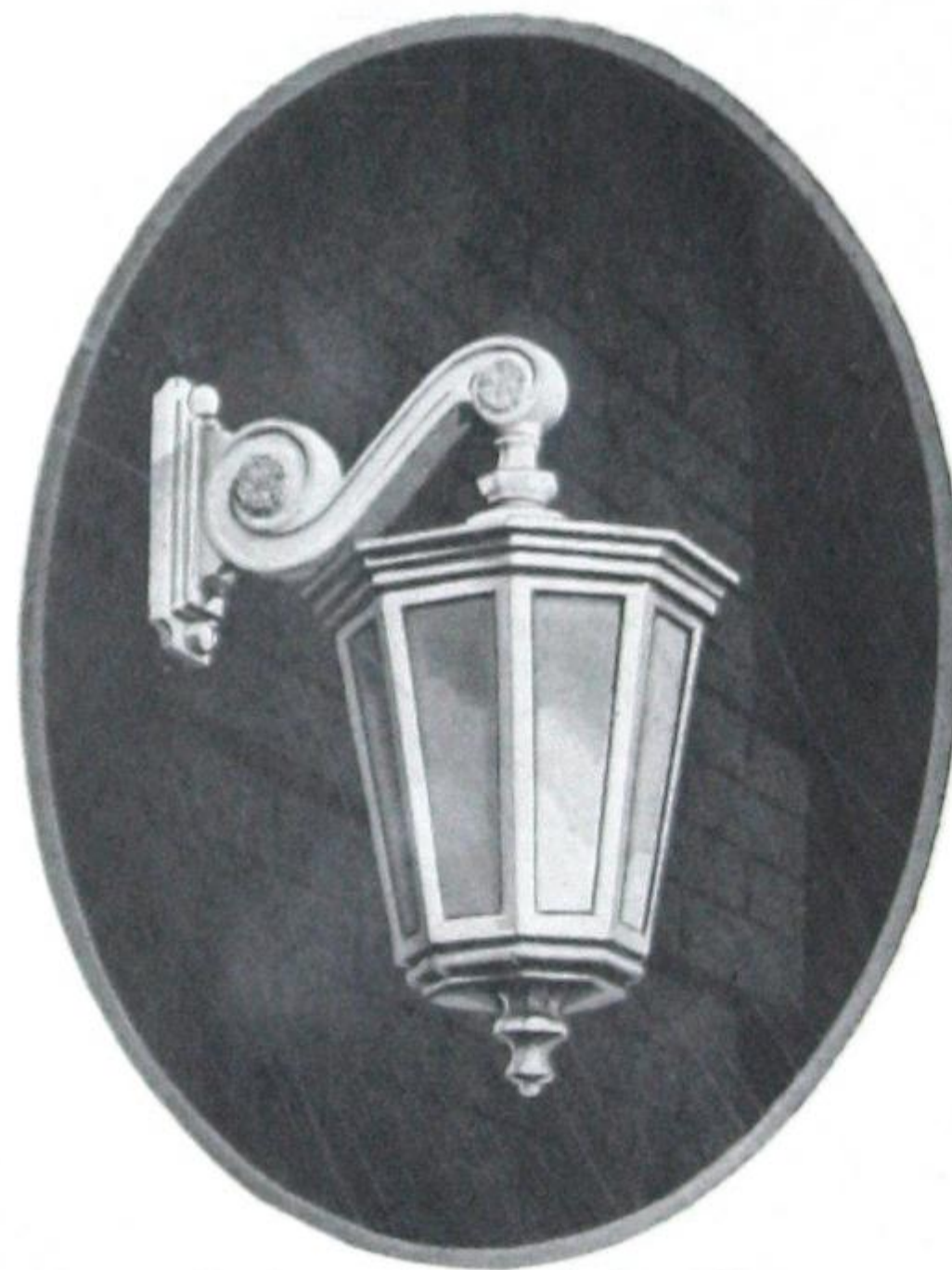
Design 1000—Large Size Octagonal Lantern



Design 1170—Small Size Octagonal Lantern



*Design 1102—Ceiling Fixture small size Octagonal Lantern



Design 960—Small Size Suspended Octagonal Lantern

SPECIFICATIONS

Design	No. of Lights	Size of Wall Plate	Spread Wall to Center of Lantern	Size of Globes and Fitters		Approx. Shipping Weight, Lbs. Bracket Only
				Side Globe	Central Globe	
1000	1	10x17 in.	26 3/8 in.	-----	-----	140
1170	1	10x17 in.	18 in.	-----	-----	75
1102	1	12 in. dia.	-----	-----	-----	25
960	1	5x12 in.	16 in.	-----	-----	30

*Height over all 3 ft. 9 in.

ADDITIONAL SPECIFICATIONS

These fixtures are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

Always specify type of socket that will be used.

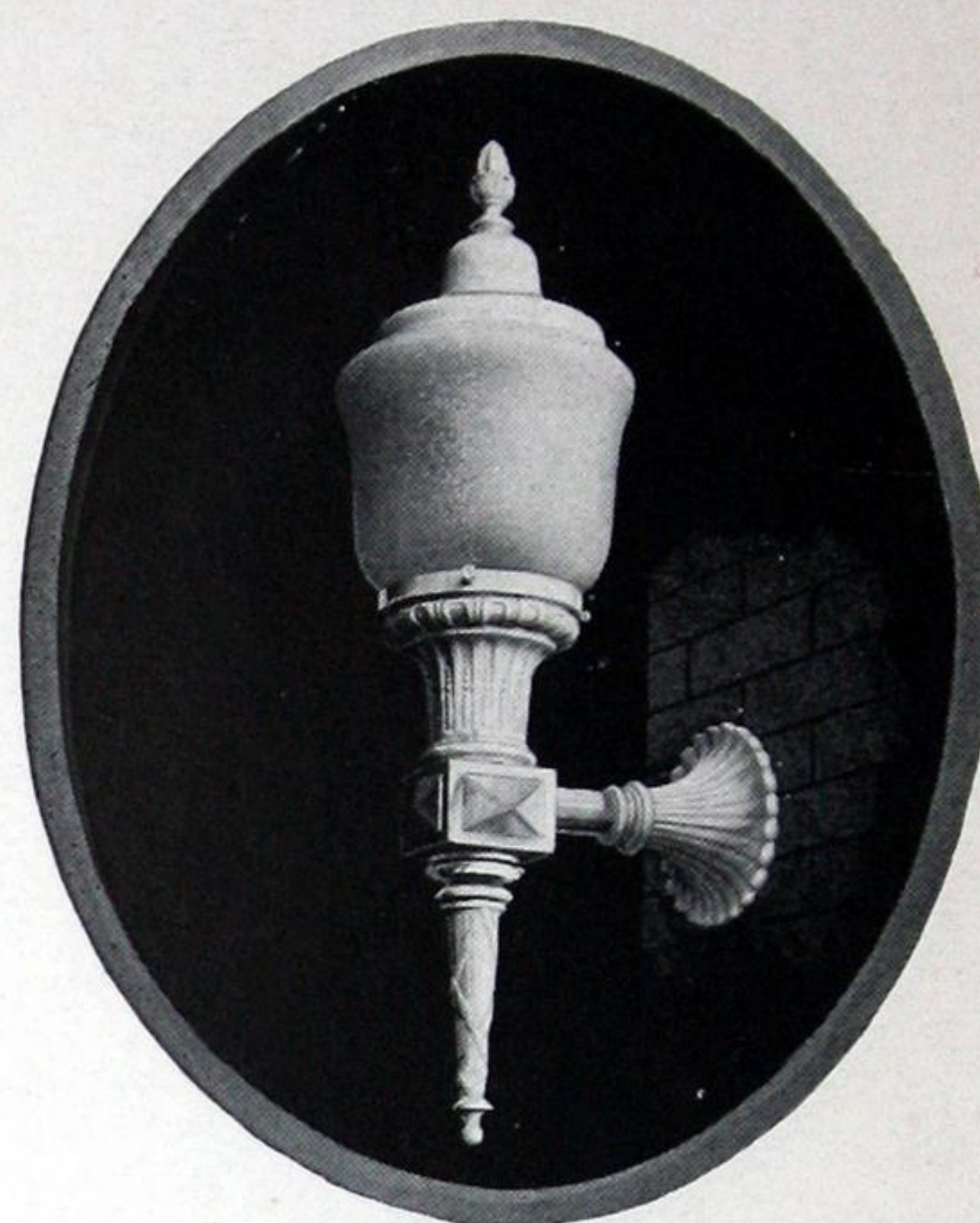
Expansion bolts will be furnished for attaching brackets to wall.

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 8—UNION METAL BRACKETS



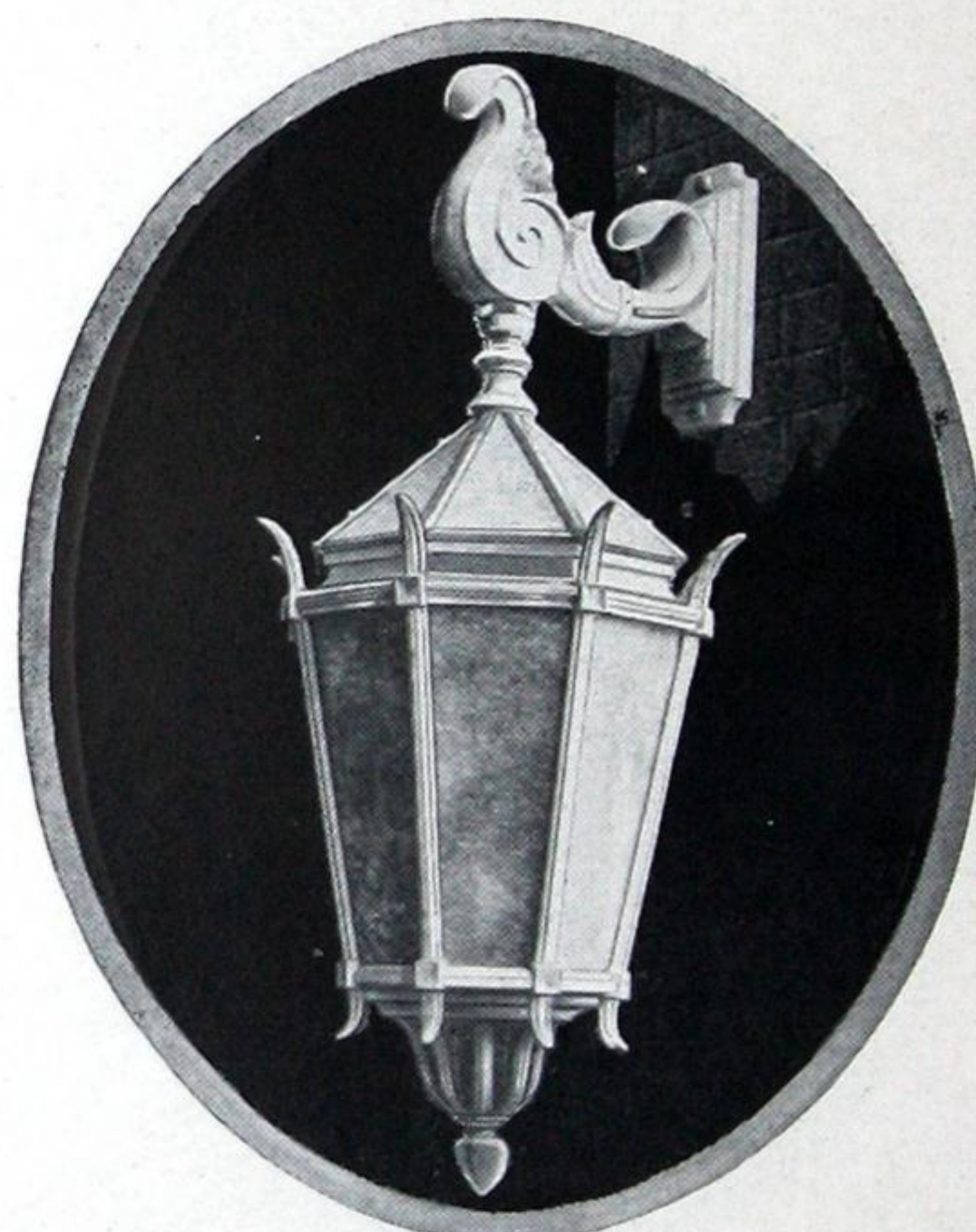
Design No. 1975
With General Electric
Form 12 Novalux Unit



Design No. 1810
With General Electric
Form 8 Novalux Unit



Design No. 2067
With General Electric Form 18
Large Size Novalux Lantern, 21"



Design No. 2019
With General Electric Form 19
Small Size Pendant Type
Novalux Lantern, 18"

SPECIFICATIONS

Design	No. of Lights	Size of Wall Plate	Spread from Wall to Center of Globe	Style and Size of Lighting Unit	Approx. Ship. Weight, Lbs. Bracket Only
1975	1	12 in. Dia.	17 in.	G. E. Form 12—16 in Globe	70
1810	1	10 in. Dia.	12 in.	G. E. Form 8—13 in. Globe	35
2067	1	12 in. Dia.	17 in.	G. E. Form 18—Large Size	70
2019	1	5x12 in.	12 in.	G. E. Form 19—Small Size	30

ADDITIONAL SPECIFICATIONS

These fixtures are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

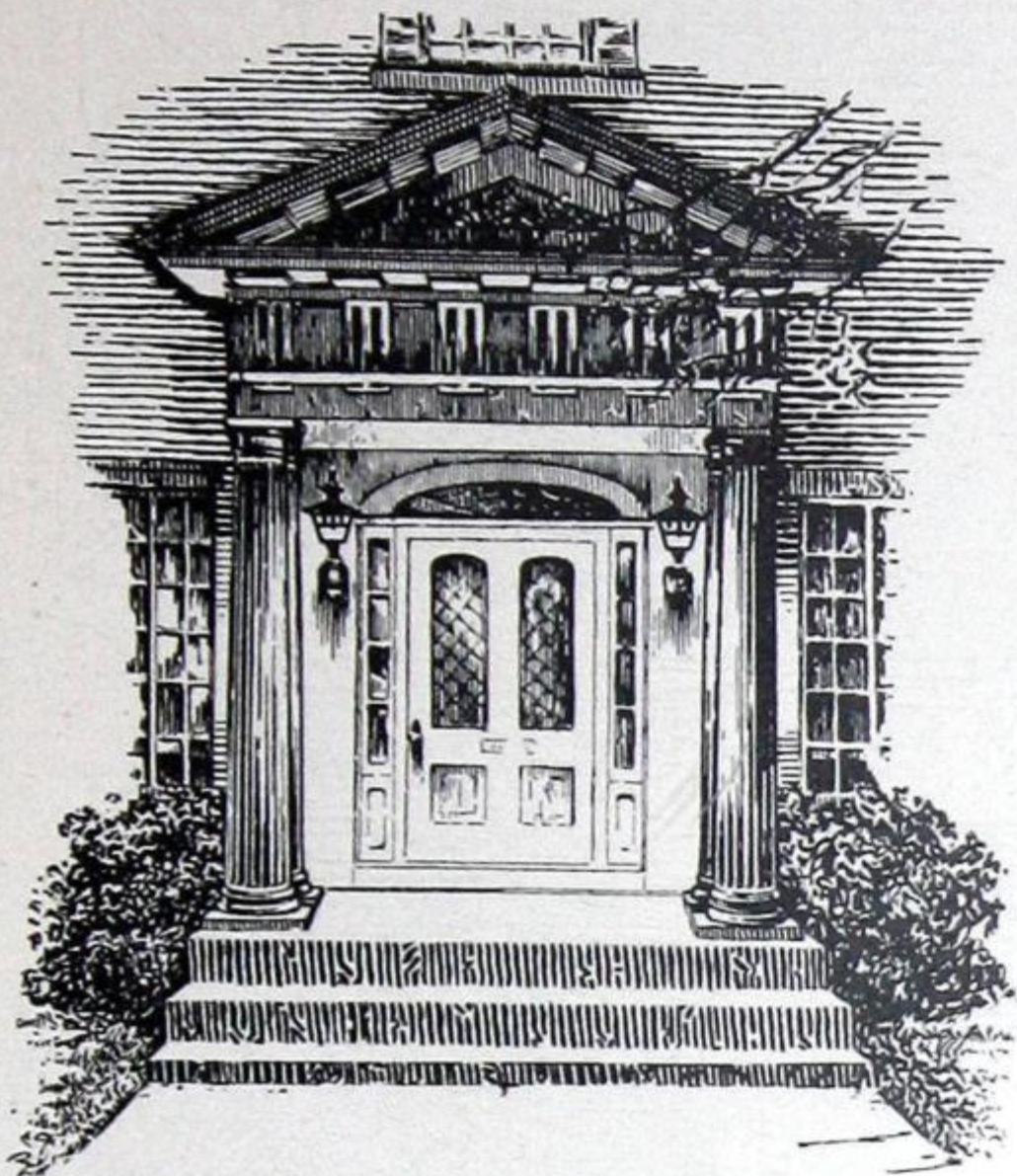
Always specify type of socket that will be used.

Expansion bolts will be furnished for attaching brackets to wall.

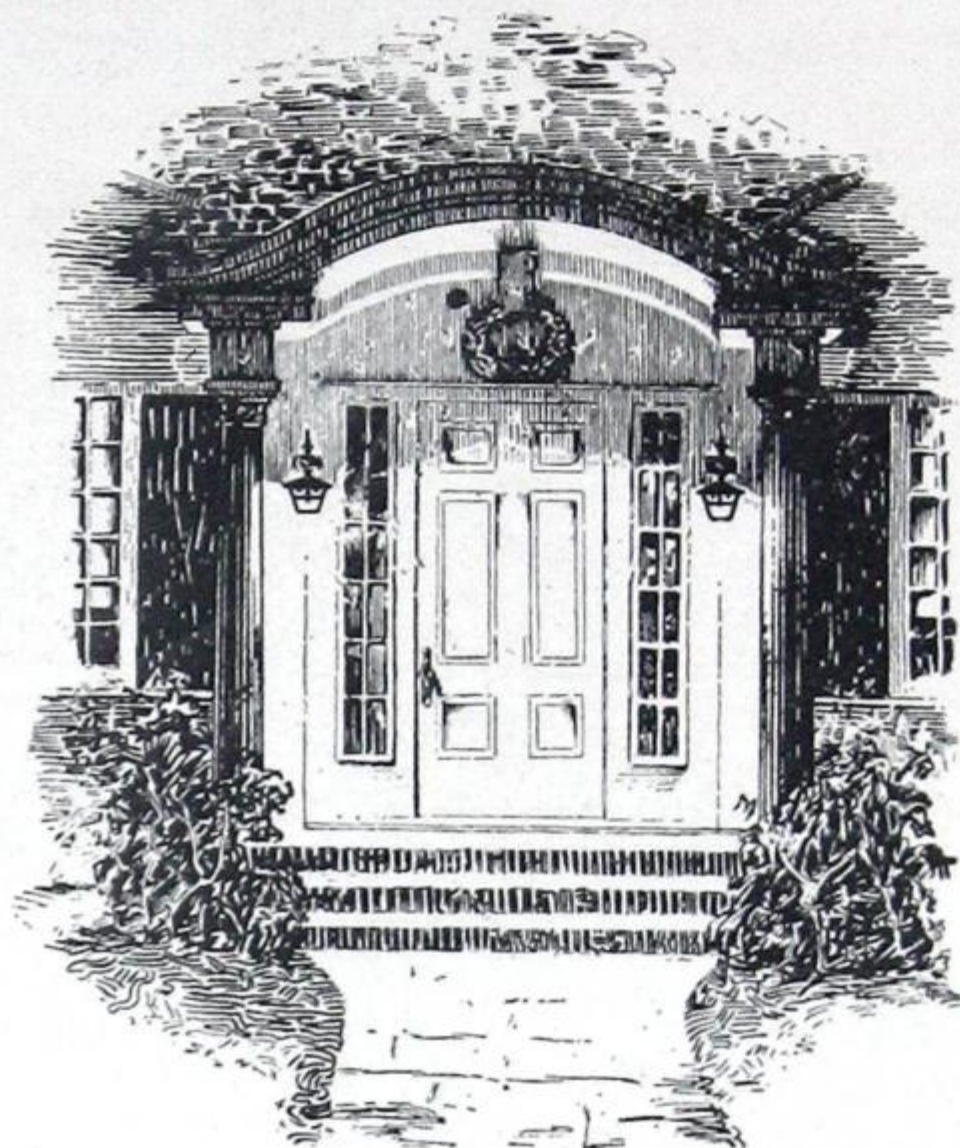
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

SECTION 8—UNION METAL BRACKETS—FOR HOME LIGHTING

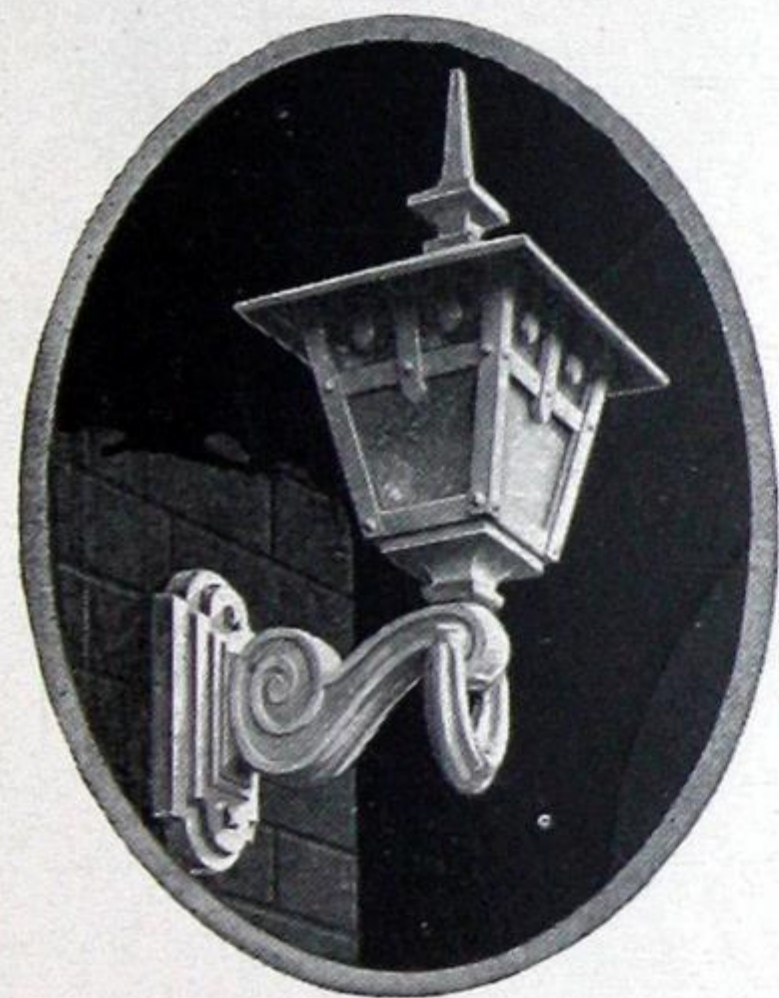


This is a line of smaller type Union Metal brackets for lighting entrances to homes, apartment houses and smaller public buildings where our heavier brackets might be too large.



Brackets and lanterns are all cast in our own foundry from the best grade Grey Foundry Pig Iron, and in every way measure up to the high standard of construction manifested in all Union Metal lines.

Although these fixtures are reasonable in price, they are of the highest quality, and are not made to compete with some of the poorly made, low priced units sometimes offered for this class of work. These units will last a lifetime, and are a credit to any building on which they are used.



Design No. 1418



Design No. 1416



Design No. 1419



Design No. 1427



Design No. 1417

Expansion bolts will be furnished for attaching brackets to wall. Dimensions and further data on Page W. B. 1051.

THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

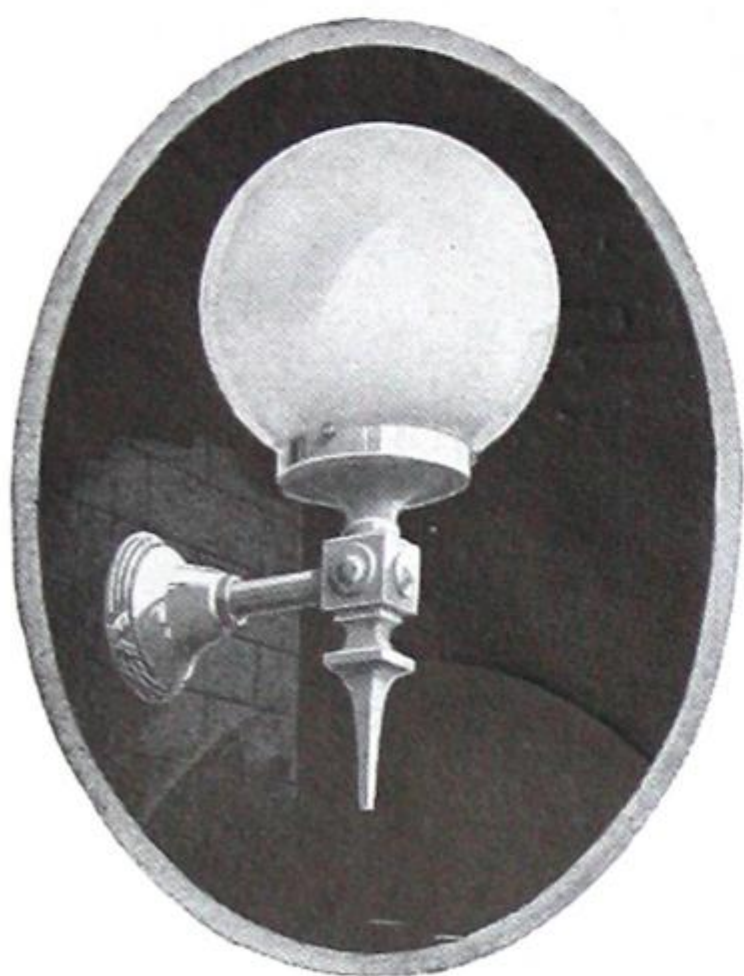
SECTION 8—UNION METAL BRACKETS—FOR HOME LIGHTING



Design No. 1407



Design No. 1273



Design No. 1429



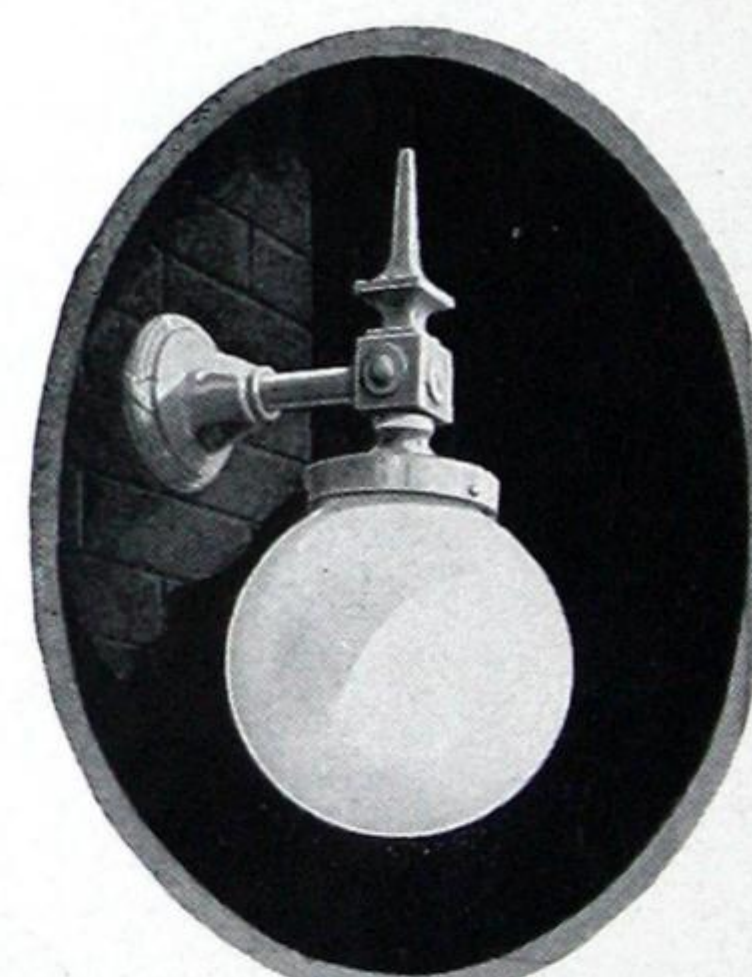
Design No. 1438



Design No. 1248



Design No. 1434



Design No. 1436

SPECIFICATIONS

Design No.	No. of Lights	Size of Base	Projec.—Wall to Center of Globe	Size of Globes and Fitters	Height Overall	Approx. Shipping Wt., Lbs.
1418	1	4x 9 in.	9½ in.	Lantern	23½ in.	26
1419	1	4x 9 in.	9½ in.	Lantern	14 in.	21
1416	1	5 in. Dia.	8 in.	Lantern	22 in.	22
1427	1	5 in. Dia.	Pendent	Lantern	26 in.	20
1417	1	5 in. Dia.	8 in.	Lantern	17 in.	18
1407	1	4x 9 in.	8½ in.	10x5 in.	2 ft. 1 in.	*20
1438	1	5 in. Dia.	Pendent	10x5 in.	30 in.	*10
1273	1	6½x15 in.	5¼ in.	8x4 in.	22 in.	*30
1434	1	4x 9 in.	9½ in.	8x4 in.	17 in.	*14
1248	1	4x 9 in.	9½ in.	10x5 in.	21 in.	*20
1429	1	5 in. Dia.	8 in.	10x5 in.	20 in.	*11
1436	1	5 in. Dia.	8 in.	10x5 in.	20 in.	*11

Brackets are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

Always specify type of socket that will be used.

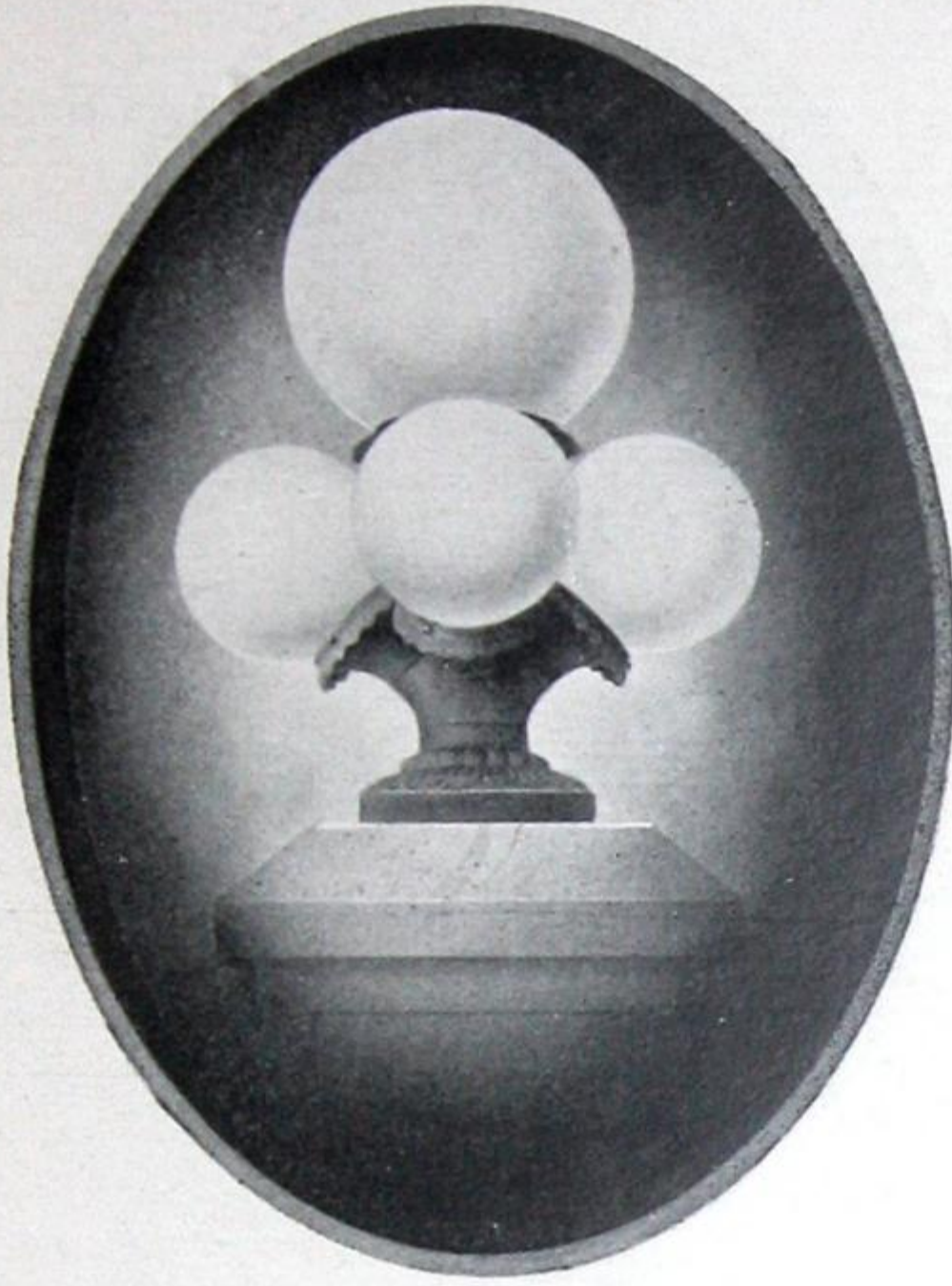
Expansion bolts will be furnished for attaching brackets to wall.

*Bracket only.

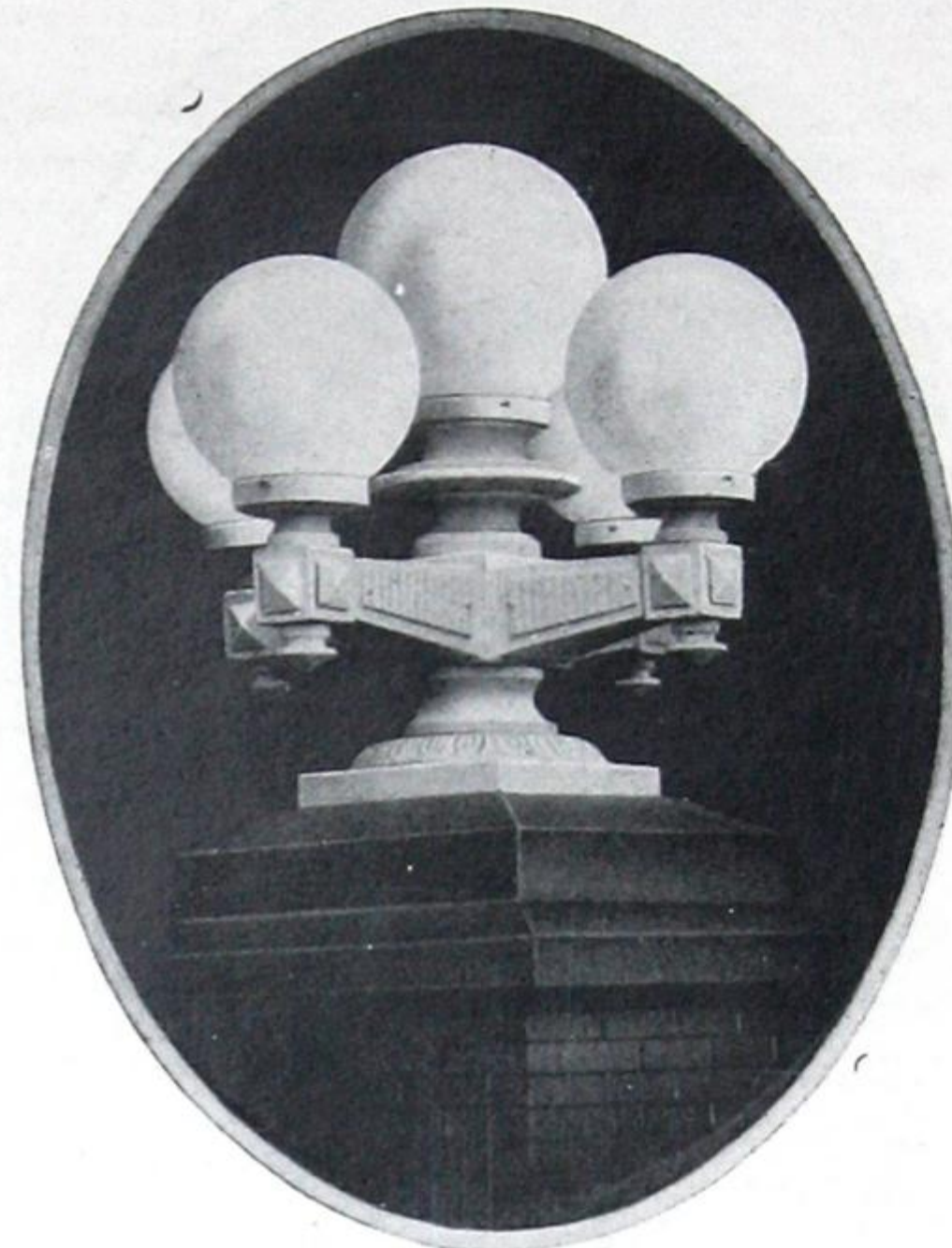
THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

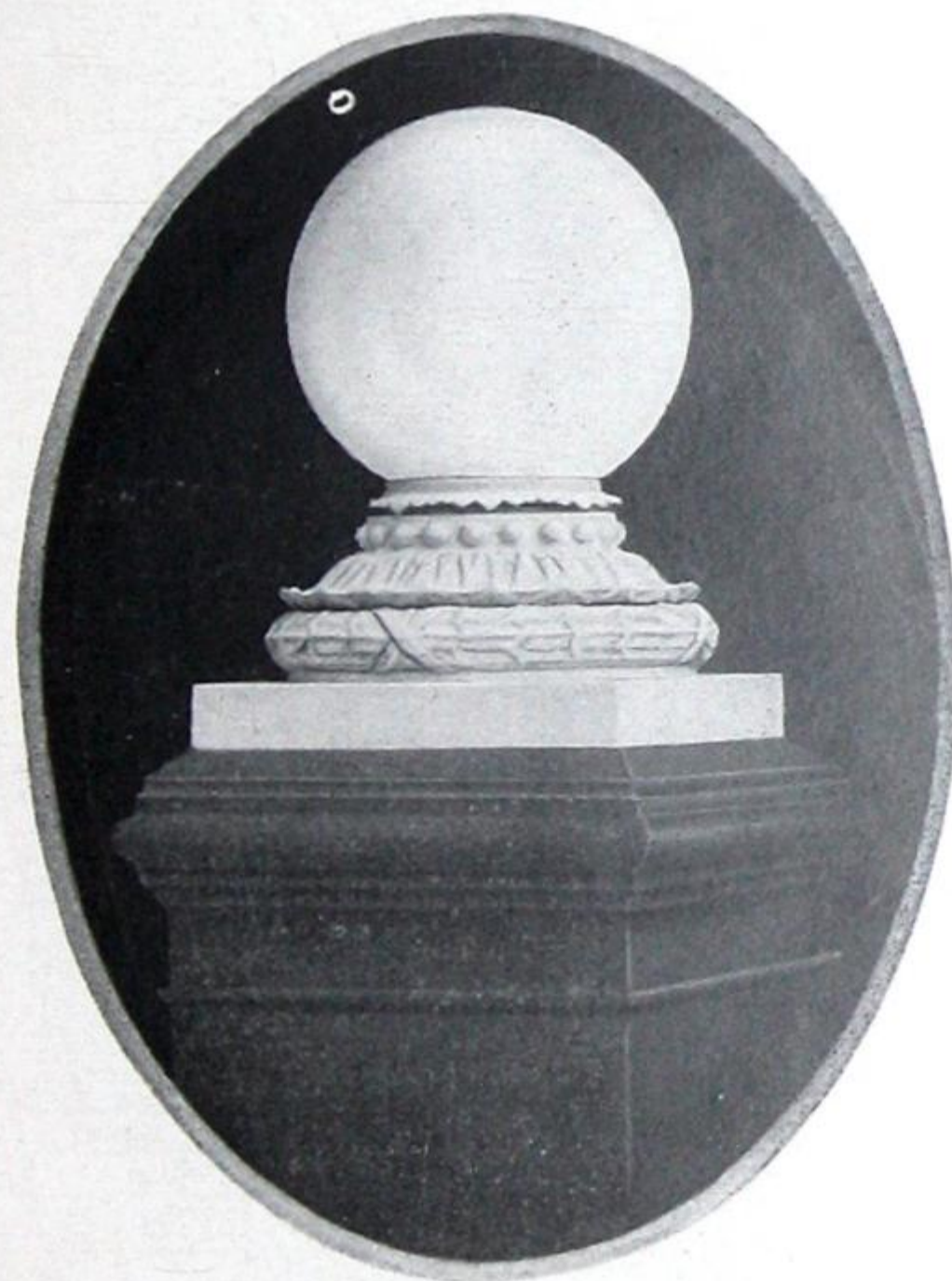
SECTION 9—UNION METAL NEWELS



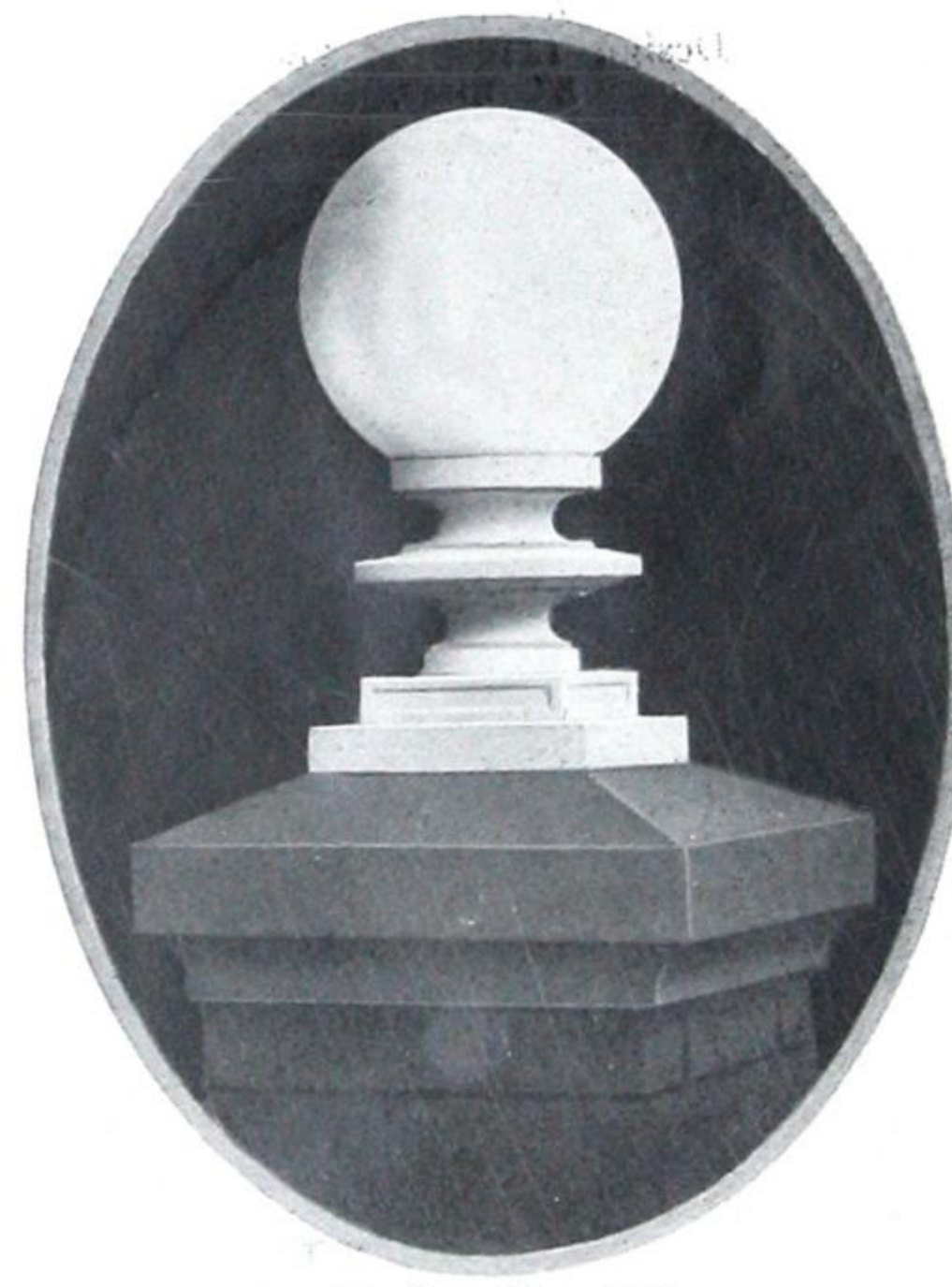
Design No. 1516



Design No. 823—3 Lights
Design No. 696—5 Lights



Design No. 766



Design No. 267
Design No. 2075

SPECIFICATIONS

Design	No. of Lights	Size of Base	Spread Center to Center of Globes	Size of Globes and Fitters		Height Overall	Approximate Shipping Weight, Lbs. Newel Only
				Side Globes	Central Globe		
1516	5	11 in. sq.	16 in.	10x5 in.	14x8 in.	2 ft. 8 in.	70
823	3	11 in. sq.	23 in.	10x5 in.	14x6 in.	2 ft. 6 in.	90
696	5	11 in. sq.	23 in.	10x5 in.	14x6 in.	2 ft. 6 in.	120
766	1	18 in. sq.	-----	-----	16x8 in.	2 ft. 1 in.	95
267	1	12 1/4 in. sq.	-----	-----	16x8 in.	2 ft. 4 in.	60
2075	1	9 in. sq.	-----	-----	14x6 in.	1 ft. 11 in.	35

ADDITIONAL SPECIFICATIONS

These fixtures are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

Always specify type of socket that will be used.
Anchor rods furnished to anchor newels to foundation.

THE UNION METAL MANUFACTURING CO., CANTON, OHIO

UNION METAL EXTERIOR LIGHTING FIXTURES

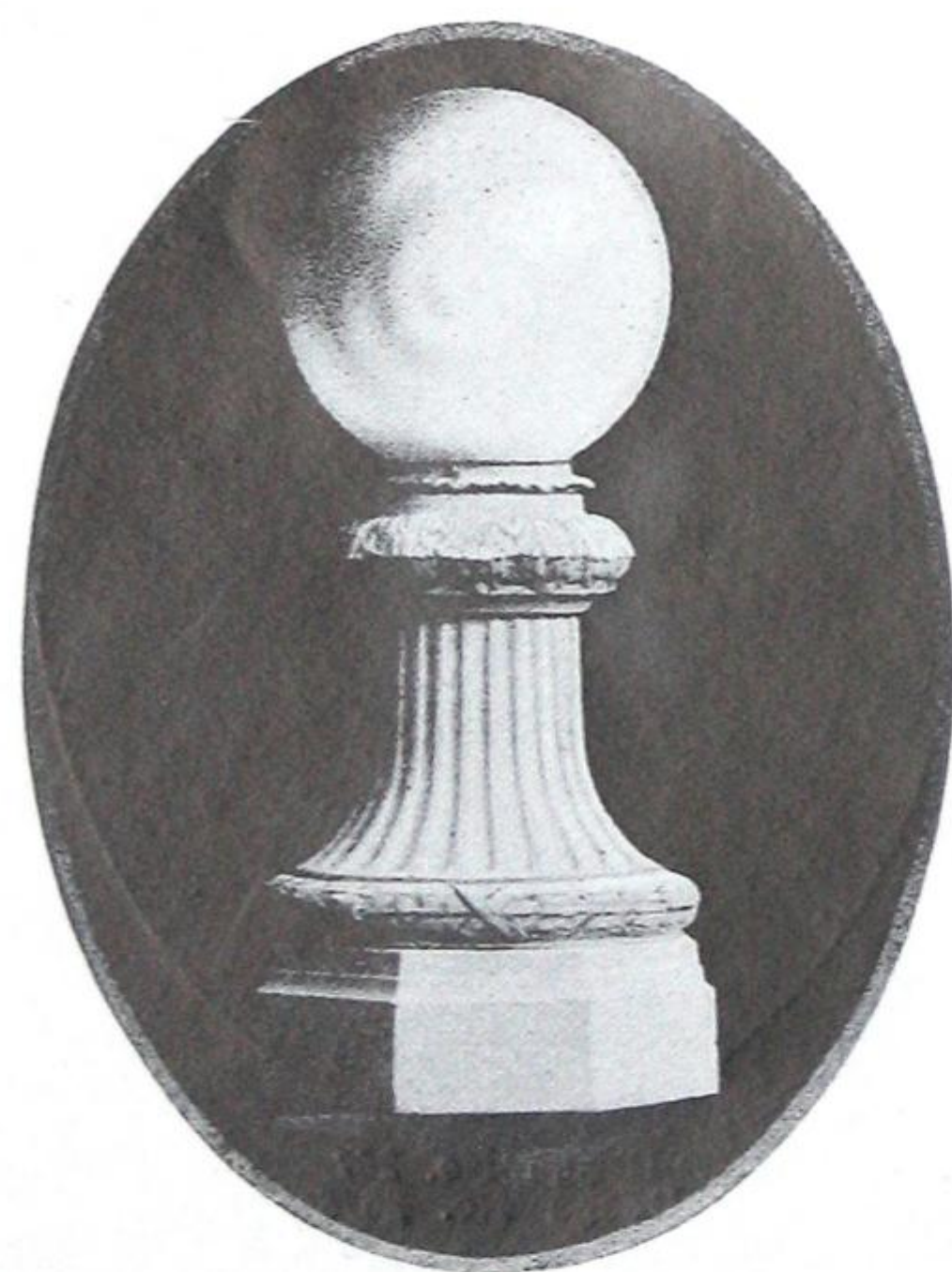
SECTION 9—UNION METAL NEWELS



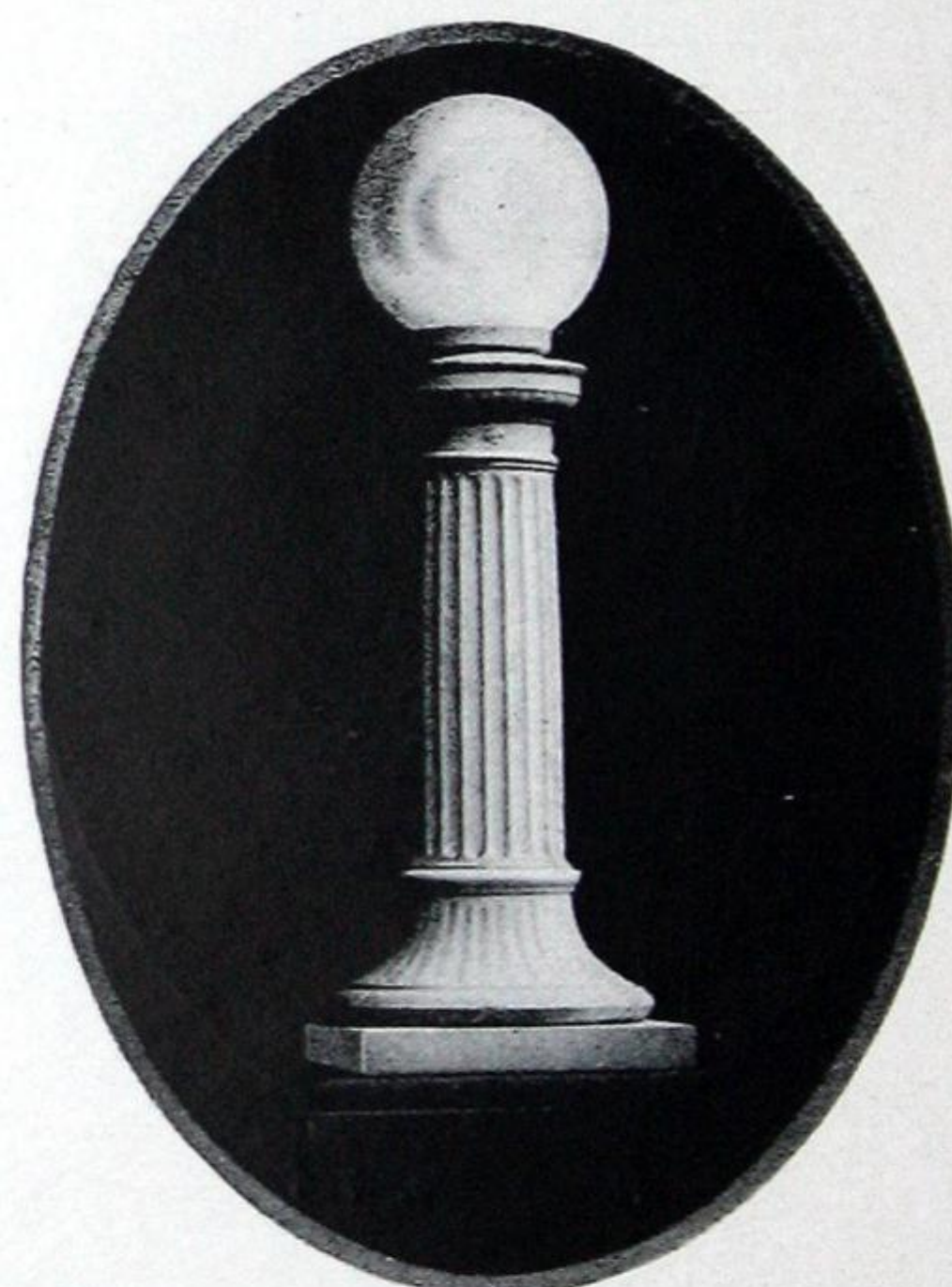
Design 1244—1 Lt.
10" globe, 5" fitter
Design 1245—12" globe,
6" fitter
Design 1258—14" globe,
6" fitter.
Design 1246—16" globe
8" fitter.



Design 864
Small size Octagonal
Lantern



Design No. 783



Design No. 728—20" sq. Base
Design No. 1143—16" sq. Base

SPECIFICATIONS

Design	No. of Lights	Size of Base	Spread Center to Center of Globes	Size of Globes and Fitters		Height Overall	Approximate Shipping Weight, Lbs. Newel Only
				Side Globes	Central Globe		
1244	1	4 in. Dia.	-----	-----	10x5 in.	12 in.	9
1245	1	5 in. Dia.	-----	-----	12x6 in.	15 in.	11
1258	1	5 in. Dia.	-----	-----	14x6 in.	17 in.	14
1246	1	8 in. Dia.	-----	-----	16x8 in.	20 in.	23
864	1	11 in. sq.	-----	-----	-----	30 in.	30
783	1	21 in. Oct.	-----	-----	20x8 1/4 in.	3 ft. 11 in.	200
728	1	20 in. sq.	-----	-----	16x8 in.	4 ft. 11 in.	160
1143	1	16 in sq.	-----	-----	14x6 in.	4 ft. 10 in.	130

ADDITIONAL SPECIFICATIONS

These fixtures are given shop coat of green metallastic paint before leaving factory and should be given finishing coat after installation. Following special finishes are furnished at extra charge when specified: Natural Copper, Verde Antique, Oxidized Copper, or Statuary Bronze.

Always specify type of socket that will be used.
Anchor rods furnished to anchor newels to foundation.

THE UNION METAL MANUFACTURING CO., CANTON, OHIO

Price List S-114A

January 1, 1925

List Prices—Loose Leaf Catalog No. 54, superseding all previous printed or quoted list prices covering designs in Entrance Standard Catalog or Folders. All prices f. o. b. Canton, Ohio. List prices subject to discount.

Design No.	Page No.	List Price	Shp. Wt. Complete	Shp. Wt. Ball Globes Novalux Unit or Lantern	Design No.	Page No.	List Price	Shp. Wt. Complete	Shp. Wt. Ball Globes Novalux Unit or Lantern
76	WB-1000	\$130.00	280	105	835	ES- 911	57.00	129	34
78	"	96.00	204	44	836	"	71.00	159	39
96	"	143.00	310	105	837	"	55.00	97	22
151	WB-1005	51.00	117	22	838	ES- 903	141.00	310	60
156	"	97.00	195	60	839	ES- 906	120.00	225	60
267	N-1100	39.00	99	39	840	ES- 900	195.00	463	43
367	WB-1002	112.00	260	85	841	ES- 909	64.00	124	39
584	WB-1000	34.00	72	22	864	N-1101	86.00	114	84
616	WB-1004	36.00	72	22	E- 874	ES- 915	138.00	215	60
659	ES- 908	76.00	164	39	960	WB-1006	90.00	115	84
696	N-1100	95.00	205	85	997	WB-1005	29.00	62	22
E- 717	ES- 916	87.00	209	39	1000	WB-1006	189.00	208	68
721	ES- 911	78.00	169	39	E-1036	ES- 916	354.00	635	50
722	ES-910	71.00	144	39	1102	WB-1006	91.00	110	84
723	ES- 904	93.00	199	39	1119	WB-1002	27.00	62	22
725	ES- 905	114.00	264	39	E-1122	ES- 915	87.00	150	50
726	ES- 903	101.00	214	39	1143	N-1101	81.00	164	34
727	"	105.00	229	39	1156	ES- 912	155.00	225	90
728	N-1101	94.00	199	39	1157	"	116.00	215	100
729	ES- 909	71.00	144	39	1165	"	126.00	250	100
730	ES- 906	87.00	170	39	1170	WB-1006	139.00	125	84
731	ES- 905	77.00	154	39	1174	ES- 902	314.00	513	43
732	ES- 908	93.00	194	39		(As Shown)			
733	ES- 901	251.00	483	43	1174		231.00	438	43
734	"	285.00	520	75		(Without E angle or Globe Bands)			
735	ES- 905	196.00	415	75	1176	ES- 912	307.00	650	200
737	ES- 911	58.00	109	39	1218	ES- 913	90.00	130	50
738	ES- 907	78.00	169	39	1220	ES- 902	143.00	221	84
739	ES- 904	69.00	139	34	1242	ES- 913	163.00	240	90
741	ES- 907	94.00	189	39	1244	N-1101	21.00	22	13
742	ES- 900	321.00	853	43	1245	"	25.00	33	22
748	ES- 910	137.00	275	85	1246	"	39.00	62	39
749	ES- 903	171.00	360	85	1248	WB-1051	18.00	33	13
750	ES- 904	157.00	330	85	1258	N-1101	31.00	48	34
751	ES- 909	117.00	219	64	1265	ES- 902	416.00	766	131
752	ES- 906	115.00	228	48		(As Shown)			
753	ES- 908	135.00	275	85	1265		333.00	691	131
754	ES- 901	300.00	607	127		(Without E angle or Globe Bands)			
755	ES- 910	139.00	295	85	1273	WB-1051	24.00	38	8
756	ES- 907	160.00	335	85	1407	"	19.00	33	13
757	ES- 900	400.00	932	127	1416	WB-1050	34.00	22	
759	ES- 906	150.00	280	85	1417	"	32.00	18	
764	WB-1004	44.00	92	22	1418	"	32.00	26	
766	N-1100	49.00	134	39	1419	"	28.00	21	
768	WB-1001	82.00	177	47	1427	"	27.00	19	
769	"	47.00	109	34	1429	WB-1051	21.00	24	13
770	WB-1002	45.00	104	39	1434	"	19.00	22	8
773	WB-1003	183.00	359	74	1436	"	21.00	24	13
775	WB-1001	67.00	159	39	1437	WB-1005	39.00	79	39
776	WB-1003	43.00	89	34	1438	WB-1051	16.00	23	13
777	"	68.00	137	47	1488	ES- 903	32.00	63	13
783	N-1101	99.00	260	60	1495	ES- 911	36.00	72	22
810	ES- 900	362.00	838	83	1516	N-1100	72.00	155	85
811	ES- 901	264.00	518	83	1517	WB-1002	80.00	170	85
813	ES- 904	129.00	280	60	1518	WB-1004	36.00	87	22
815	ES- 906	145.00	283	73	1520	"	60.00	129	44
816	ES- 907	130.00	270	60	E-1572	ES- 915	139.00	232	57
817	ES- 909	96.00	189	49	1652	ES- 913	153.00	227	57
818	ES- 910	106.00	220	60	E-1695	ES- 916	177.00	220	50
819	"	108.00	230	60	1810	WB-1007	63.00	85	50
820	WB-1000	110.00	233	83	1975	"	134.00	160	90
821	"	120.00	253	83	2019	"	93.00	110	80
822	WB-1005	79.00	168	48	2067	"	115.00	145	75
823	N-1100	66.00	150	60	2075	N-1100	27.00	69	34
824	ES- 900	235.00	583	43	2078	WB-1001	218.00	430	190
*825	"	313.00	667	127	2079	WB-1003	130.00	240	100
*826	"	275.00	573	83					

*If 25 1/2" sq. Base or 18"x25 1/2" Base is used, deduct \$20.00 from List Price.

List Prices include globes, sockets, Novalux units, and lanterns but do not include lamps nor wiring.

THE UNION METAL MANUFACTURING CO., CANTON, OHIO

Price List S-114B

January 1, 1925

Lighting Unit List Prices—Loose Leaf Catalog No. 54, superseding all previous printed or quoted list prices covering designs in Entrance Standard Catalog or Folders. List prices subject to discount.

Prices F. O. B. Factory. No allowance for breakage.

Claims for breakage must be filed by purchaser against the transportation companies.

Size of Globe	Std. Pkg.	Approx. Shp. Wt.	List Price	REMARKS
6x3 $\frac{1}{4}$	4	21 lbs.	\$ 10.40	Alba Ball Globe
8x4	4	30 lbs.	15.50	" " "
10x5	4	51 lbs.	20.80	" " "
12x6	2	44 lbs.	16.10	" " "
14x6	1	34 lbs.	12.15	" " "
14x8	1	34 lbs.	12.15	" " "
16x8	1	39 lbs.	15.85	" " "
18x8	1	43 lbs.	24.15	" " "
18x10	1	43 lbs.	24.15	" " "
20x8 $\frac{1}{4}$	1	60 lbs.	27.60	" " "
No. 3813	1	47 lbs.	22.80	Macbeth-Evans
Form 4 Novalux	1	200 lbs.	135.65	8 Paneled Globe
" 8 "	1	50 lbs.	45.00	No. 109 Globe
" 8 "	1	60 lbs.	78.00	No. 103 Globe- No. 3 Casing*
" 9 "	1	100 lbs.	60.00	No. 107 Globe
" 9 "	1	190 lbs.	129.00	8 Paneled Globe
" 12 "	1	90 lbs.	97.00	No. 104 Globe M-Casing*
" 12 "	1	90 lbs.	89.00	No. 103 Globe O-Casing*
" 18 "	1	57 lbs.	68.00	Upright Lantern (Small)
" 18 "	1	75 lbs.	78.00	Upright Lantern (Large)
" 19-A "	1	80 lbs.	78.00	Pendant Lantern (Small)
" 23-A "	1	50 lbs.	105.00	Upright Lantern (Small)
" 23-B "	1	68 lbs.	128.70	Upright Lantern (Large)

*These Units can also be furnished in Rippled Glassware at same price.

The above prices are given so that deductions can be made from price list S-114-A, in cases where customer desires to furnish lighting units or ball globes. See specifications in catalogue for number of units or globes used with each design.

In case it is desired to omit lighting units or ball globes deduct weight in last column of price list S-114-A from total shipping weight, which will give net shipping weight of bare standard or bracket.

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